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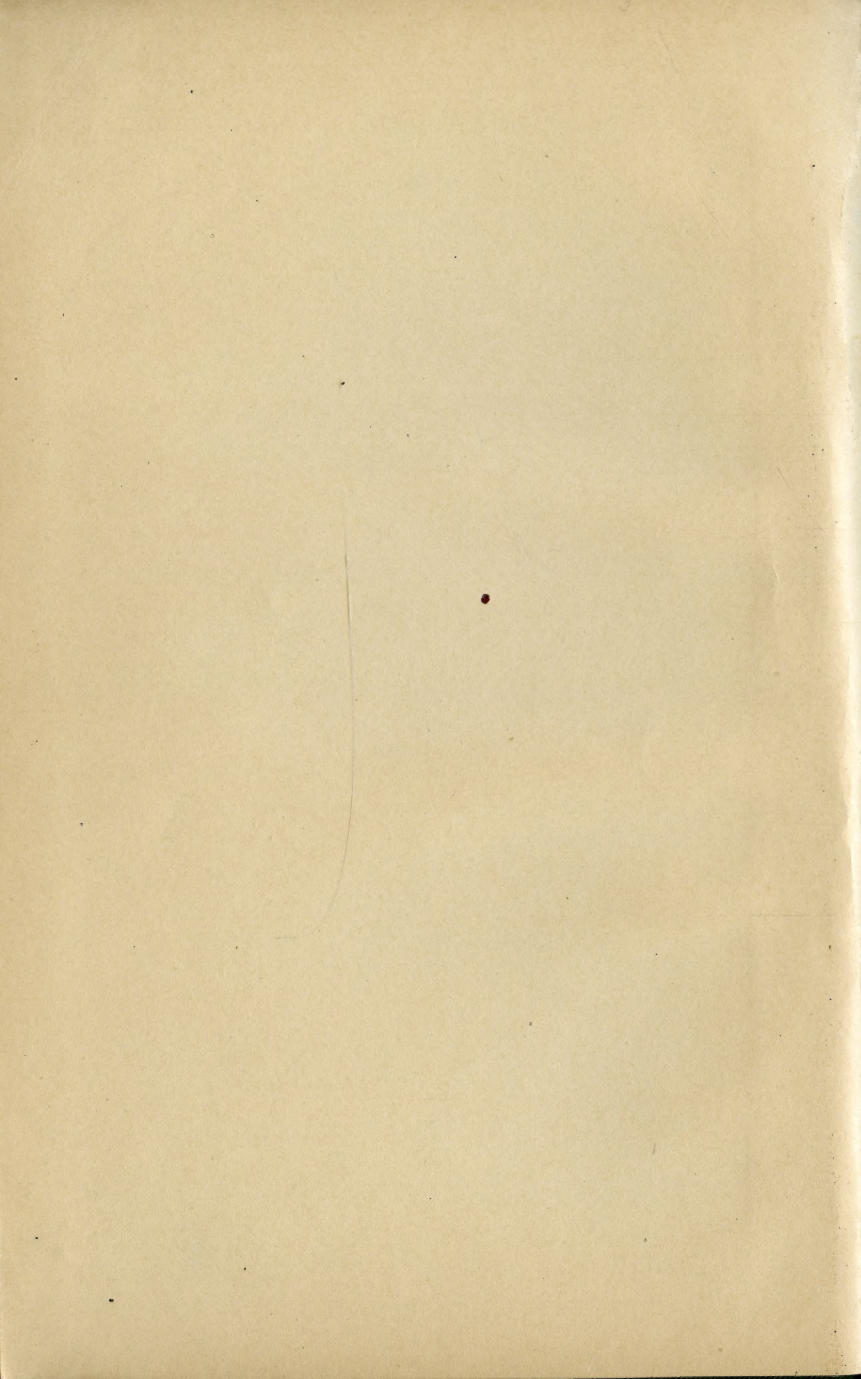




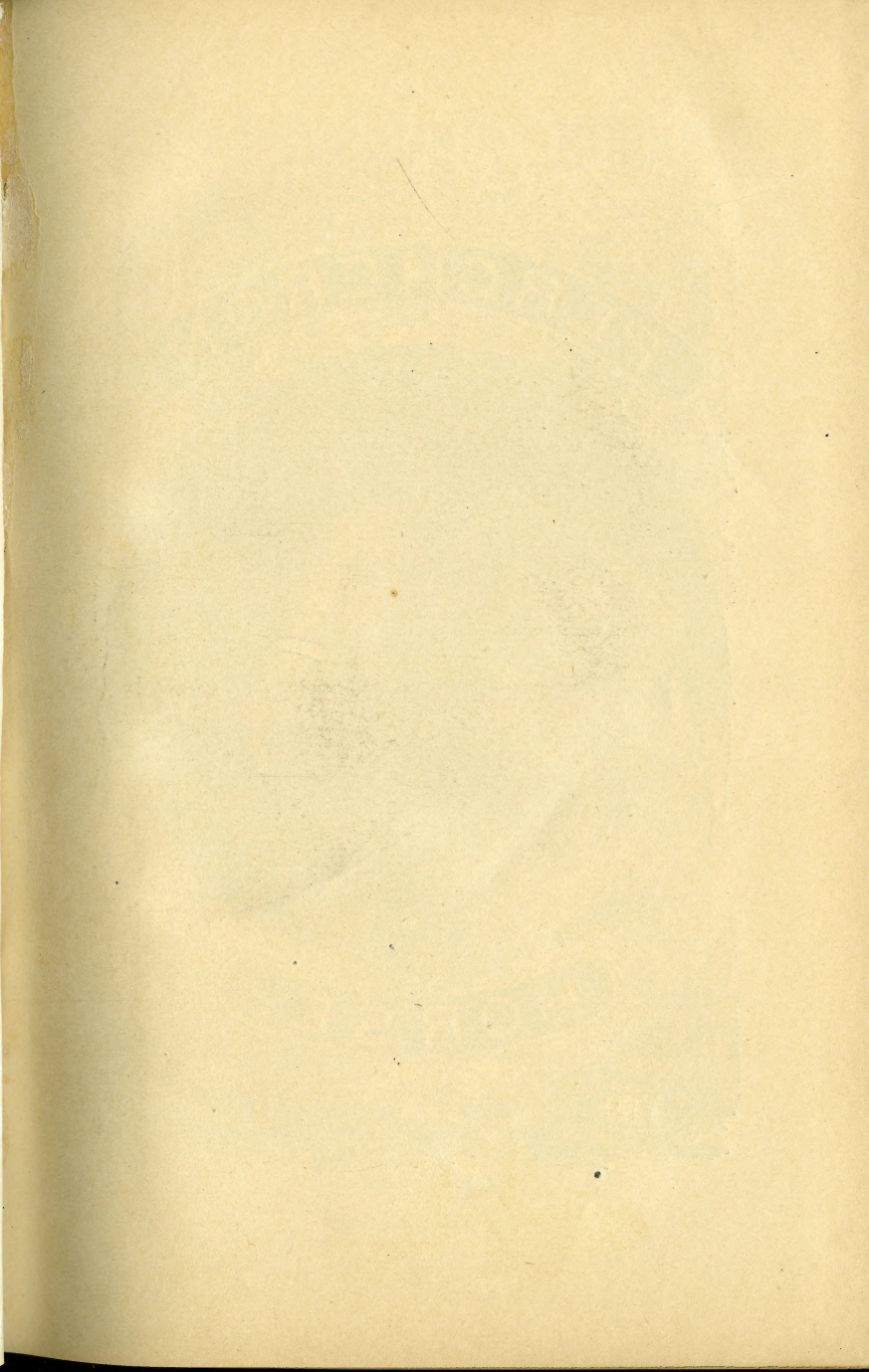




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# THE PERCHERON HORSE

IN AMERICA

BY  
M. C. WELD.

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IN FRANCE

BY  
CHARLES DU HAY'S.

ILLUSTRATED.



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## INTRODUCTION.

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The work of M. Du Haÿs, published in 1868, has been of invaluable service to the draft horse production of this country. Stimulated by it, many have become breeders, and many fine horses have been imported. The breed shows itself admirably adapted to this continent and to the needs of our agriculture and street traffic. Edition after edition of "The Percheron Horse" has been printed, and the present one is preceded by a brief history of the introduction of the breed into this country. The formation of the American Percheron Horse Breeders' Association, with headquarters at Chicago, and coöperating with the French Percheron Society, together with the publication of a stud-book, of which several volumes have already been issued, marks an important epoch in the history of the breed. The influence of these two societies in favor of the noble race of Perche may be estimated by the opposition roused among French draft horse breeders outside of Perche in France, abetted by draft horse dealers in this country, who are forced now to commence the publication of a stud-book of the "mongrel breeds."



THE PERHERON "AT HOME."



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ROSA BONHEUR.

"BRILLIANT."





# The Percheron Horse in America.

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## THE FIRST FRENCH HORSES IN AMERICA.

Many reasons contributed their weight to lead the early settlers of this country, whether French, or English, or Dutch, to bring out at first, and to continue to import, small or medium-sized horses only. There were poor roads ; the products of the farm were used chiefly for home consumption ; there was a little teaming, like hauling ship-timber, etc., and to this, in the condition of the roads, oxen were much better adapted. Besides, the vessels plying upon the Atlantic were small, and almost every ship that brought cattle or horses, met with some losses. Even the French who settled Lower Canada, selected the smallest horses they could to bring with them, taking such as would prove serviceable farm horses probably, without much reference to blood. However, "blood will tell," and those little horses of Brittany and Normandy, which, while their blood has been very little replenished with fresh streams from home, and has been more or less mingled with that of English races, have maintained their characteristics quite distinct, and form in the French "Kanuck," one of the very best breeds of horses which we have. It resembles the Percheron in form, and in many of its characteristics, and no doubt

may claim close consanguinity. Though mingled largely with English blood and liable to become extinct through the ignorance and carelessness of the Lower Canadians. It still exists in purity of type, if not of blood, and is bred carefully and true, would form one of the best breeds of "Cobs" in the world.

In this connection, we would mention the fact that Loudon, in his "Encyclopedia of Agriculture," published in 1831, mentions the Percherons of Crotentin and vicinity, as "a noble race of large draft horses, equal to any seen in England, and among which the chestnut color seems to prevail." The chestnut or sorrel color seems to prevail largely among the Kanucks, and notwithstanding the fact that when Percherons first began to be imported into this country, they were almost universally gray, yet it seems that with them, such changes in color as we have since seen, are not unprecedented.

#### EARLY IMPORTATIONS OF FRENCH HORSES.

There have been occasional importations of French draft horses into the United States and Canada, which, while they have made their mark and been of benefit to the horse stock of the country, have made no particular mark in literature. Percherons of the lighter type have occasionally developed notable trotting qualities. It is highly probable that the French stallion imported from France into Quebec about 1816, and sold into Washington County, N. Y., about 1825, where he was, in 1833, the sire of a horse known as "Norman," or "Morse's Gray," was a Percheron. He was known as the McNitt horse. His get were generally gray, and though with the exception mentioned, were unknown to fame, yet their excellence is conceded. The color of the horse Norman, his name, and the fact that his sire was brought from France to Quebec, all indicated at least Norman blood. The horse Norman had fame as a stylish trotter—



going in less than three minutes, which was very fast at that day ; had great staying qualities, and his stock were said to combine trotting powers, courage, and bottom to a remarkable degree. Blackwood, Lula, May Queen and others trace their blood to this source. All of which certainly strengthens the belief that his sire was a pure-blooded Percheron of great excellence.

#### THE NEW JERSEY IMPORTATIONS.

The first importation of Percherons of which we have positive knowledge was made early in 1839 by Mr. Edward Harris, of Moorestown, Burlington County, N. J. Mr. Harris was a gentleman of large wealth and possessed of valuable agricultural lands in one of the richest and most attractive parts of that State. He was a physician by profession, an enthusiastic naturalist, and a great friend of Audubon, whom he accompanied on his famous Rocky Mountain trip, in 1843. His close intimacy with the enthusiastic Frenchman may have led to his special interest in French horses. This importation was fraught with disaster. It consisted of one stallion and two mares. The stallion died on the passage, one of the mares suffered greatly ; one arrived in very poor order, the other came out very well and was very heavy. This mare broke through the flooring of the car, on her way from New York to Moorestown, broke her legs and was killed. The railway company promptly paid Mr. Harris for her, and he soon after, the same year, went to France again to replace his losses.

The second importation was from every point of view a successful one. It consisted of the stallions Dilligence and Bonaparte and several mares, among them Joan and Dapple. After making one season, Bonaparte took a severe cold, which settled in his eyes and he went blind. He was withdrawn from the stud, though his stock proved exceedingly good.

This importation was of immense value to that part of the country. Teaching the farmers by actual experience that useful horses of good weight, great activity and nerve, coupled with great power of draft, and absolute honesty in the collar, were more profitable to raise than the high-strung, weakly things they had been breeding from high-blooded horses, then fashionable as sires.

The horses selected by Dr. Harris were of the smaller type of Percherons. It is, in fact, in these that we find the highest qualities developed in every respect except weight, the highest spirit and nerve, the greatest docility, the soundest constitutions, the best feet, the greatest power in proportion to weight, the greatest endurance, the best gaits, excellent trotting action, and the utmost honesty at a dead pull—the severest test a horse can be put to. They stood about fifteen hands high and weighed 1,200 to 1,500 pounds. They were very broad and deep, of great girth, short-legged, close coupled, and compact in every way. Their legs were flat, strong in the joints, free from blemishes; the hoofs protected by hair growing above the coronet as well as at the fetlocks. This makes the feet of Percherons often appear to be flat when they are not so in reality, although flat (but sound) feet occasionally occur. All the horses and mares of these importations were of the normal gray color, and this color was stamped upon their offspring with great uniformity, and in most cases communicated to half-bloods. Nevertheless, the mare Joan, which was esteemed as the best of all, bore to Dilligence a bay filly one year, and a sorrel colt the next. This sorrel colt was of fine form, and had remarkably good trotting action. At the county fair he was speeded for the first time on a track and trotted alone in 3.15, and with a mate in 3.10. He was sold on the spot to a Maryland gentleman for a high price, a valuable horse being given as part payment.

Mr. Harris's horses stood in different parts of the



country, in New Jersey and Pennsylvania particularly, and the farmers soon learned by experience the value of their services.

A letter from Mr. Harris to the "Farmers' Cabinet" newspaper, written in 1842, is replete with interest and worthy of reproduction entire.

LETTER OF EDWIN HARRIS, OF MOORESTOWN, N. J.

*Mr. Editor* :—I promised to give you some account of my horse "Dilligence" and of the race from which he springs: Dilligence is of a handsome dapple-grey color, and measures fifteen hands under the standard. He was purchased by his present owner in 1839, at the fair of Guilbray, a small village near Falaise, in Normandy, the birth-place of William the Conqueror. This fair lasts fifteen days, and being held in a district most celebrated for the breeding of horses, and the first three days of the fair being devoted to their sale, it is resorted to by dealers from all parts of the country, particularly from Paris, for the supply of diligences, and for post and carriage horses. This fair is largely supplied with the English breed raised in Normandy and with its crosses upon the French stock, as well as with their peculiar race (of which Dilligence is a true type) called the Percheron, so universally used in the Northern part of France to draw the diligences and for post horses. The origin of this race, according to French authorities, dates from the occupation of the Netherlands by the Spaniards, who introduced the Andalusian horse, which soon became the favorite stud horse all over the continent. The Spanish horse is known to have sprung from the Barb or Arabian, introduced by the Moors, on their conquest of that country. All who are conversant with the history of the horse knows that the Andalusian has always been celebrated for his beauty, and for his great spirit, combined with extraordinary powers of endurance. The French breed

upon which he was crossed was the old Norman draft horse, which still exists in the country in all its purity, and is perhaps the best of all horses for slow draft.

The average height of these horses is sixteen hands, and they may be described as follows : Head, short, wide and hollow between the eyes ; jaws, heavy ; ears, small and pointed well forward ; neck, very short and thick ; mane, heavy ; shoulder well inclined backwards ; back, extremely short ; rump, steep ; quarters, very broad ; chest, deep and wide ; legs, very short, particularly from the knee and hock to the fetlock and thence to the coronet, which is covered with long hair hiding half the hoof ; much hair on the legs ; tendons, large, and muscles excessively developed. Notwithstanding the great size and weight of the old draft horses, they are active. I have seen one of them draw sixteen large bales of cotton in the streets of Havre.

Dilligence was chosen as a full sized specimen of the breed, possessing all the quick action of the smaller horses, in order that his immediate progeny from our light mares might approach nearer to the true type of the race. It must be observed, however, that it is more in breadth, and size of bone and muscle that he exceeds the standard, than in his height, which is very little above the average.

An inspection of the horse will convince any one that this race is the origin of the Canadian pony, about the valuable properties of which little need be said, as they are well-known and highly prized in this section of the country, and still more to the north, where they have undoubtedly given stamina and character to the horses of Vermont, New Hampshire, and the northern section of New York, which makes them so highly valued all over the Union as road horses ; while it is a remarkable fact in those States where the attention of breeders has been exclusively devoted to the English race-horse, the



carriage horse and stage horse is almost universally supplied from the North. It remains therefore for breeders to determine, whether it is not better to resort to the full-sized Percherons to cross upon our light and already too highly bred mares, than to use the degenerated Canadians, (degenerate in size only through the rigor of the climate, for it must be admitted that the little animal retains all the spirit and nerve of his ancestors, and lacks strength only in proportion to his size). My own opinion is that a due proportion of French blood mixed with the English will produce a stock of horses invaluable, as combining all the properties that are required for quick draft on the road or the farm. I need not assure you, who are acquainted with the success of Diligence as a stud horse in this place, that such, too, is the opinion of the farmers of New Jersey.

I have frequently been questioned as to my reasons for selecting this horse for farmers' use in preference to the English draft-horse. My reply has always been, that the draft-horse of England, whenever brought to this country, must prove a failure. He wants the go-a-head principle; he cannot move out of a walk, which is saying quite enough of him, without dwelling upon his defects of form, which can only be concealed by loads of fat, and not even then from the eye of the horseman. The true Percheron, or Norman diligence horse, on the contrary, combines more strength with activity than any horse I ever sat behind. All travelers, on entering France, are struck with the properties of these horses as displayed in drawing the ponderous machine called a diligence, by which they are conveyed through the kingdom at a rate fully equal to the average of stage traveling in this country. English horsemen confess that their road horses could not hold out the same pace before the same load.

I will close this letter with an extract or two from an able article on the Norman horse in the "British

Quarterly Journal of Agriculture : ” “The horses of Normandy are a capital race for hard work and scanty fare. I have never seen such horses at the collar, under the dilligence, the post-carriage, the cumbrous and heavy voiture, or cabriolet for one or two horses, or for the farm cart. They are enduring and energetic beyond description ; with their necks cut to the bone, they flinch not ; they put forth all their efforts at the voice of the brutal driver, or at the dreaded sound of his never ceasing whip ; they keep their condition when other horses would die of neglect or hard treatment. A better cross for some of our horses cannot be imagined than those of Normandy, provided they have not the ordinary failing of two much length from the hock downward, and a heavy head.” I think all who have paid particular attention to this breed of Norman horses—the Percheron which stands A 1—will bear us out in the assertion that the latter part of this quotation will not apply to them, and that on the contrary they are short from the hock downwards ; that their heads are short, with the true Arabian face, and not thicker than they should be to correspond with the stoutness of their bodies. At all events you can witness that Dilligence has not these failings.

This, coming from such a quarter, I look upon as high praise—a golden opinion. I would here observe that I have seen great numbers of the cross upon the Norman mare by the English thoroughbred, and feel satisfied that they are of superior form and action for road horses, and that many of them in the hands of our trainers would make fast trotters. Again he says : “They are very gentle and docile—a kicking or vicious horse is almost unknown there ; any person may pass in security at a fair at the heels of hundreds.”

(Signed.)

EDWARD HARRIS.

In 1852, ill health and increasing cares induced Mr.



Harris to break up his stud, and Dilligence, Bonaparte and two of the mares, all that were left of the imported stock, were bought by Mr. John G. Bell, of Piermont, N. Y. This gentleman had been taxidermist to the before mentioned Audubon expedition, and Messrs. Harris and Bell had formed a strong personal attachment, so that it was a great satisfaction to the former to have his favorite horses pass into so good hands. Mr. Bell raised several valuable foals. Dilligence died in 1860; the mares lived to a good old age, a full-blooded gray mare by Dilligence out of Joan, bred for Mr. Bell two foals, both being by the same horse, Consternation, a thoroughbred of considerable fame—a large horse of kindly disposition. This pair of horses Mr. Bell drives still, using them as he did the full-bloods in their day for all sorts of heavy farm work, as well as upon the road, and as carriage horses. Though not really very fast trotters, these half-bloods, or rather cross-breeds, are very rarely passed upon the road, although now twenty years old.

#### THE OHIO IMPORTATION.

Next in order of time, and one of the most important importations in view of its direct influence upon breeders, was that of Messrs. Fullington and Martin, of Milford Centre, Union County, O., in 1851. The initial importation consisted of a single gray colt, which was named "Louis Napoleon." He was shipped in a sailing vessel, arrived in good health, but poor plight, with mane and tail rubbed nearly out, and no doubt with swollen legs and a general rough look. The popular verdict was against him, and Mr. Fullington was obliged to submit to many jokes and jibs about his chunky French colt. Martin's faith in the horse weakened, and he sold his interest. Fullington bred seven of his mares to him, and when the foals began to develop the fame of the horse began

to come up, and he rose in favor and value year by year. In height he was fifteen and a half hands, and in weight about 1,600 pounds. He remained until 1856 in Ohio, but was then sold to Mr. A. P. Cushman and taken to Illinois. His history in that State is that of the commencement of a wonderfully important industry.

The loss of this horse induced Ohio breeders at once to import others into Union County. Subsequently, in 1857, other important importations were made, but none of those brought out exceeded in fame or real merit, or in the number and excellence of the get, old Louis Napoleon. In the introduction to the "Percheron Stud-book," the editor says of him that, "It has been estimated that over 400 of his get were successful stallions," and adds: "He was undoubtedly the best known and most popular French horse ever brought to America." In 1858 he was purchased by the Messrs. Dillon, of Normal, Ill., and died in 1871.

The same year that Louis Napoleon was imported (1851) another entirely independent importation was made into Ohio by Dr. Marcus Brown, a physician of Circleville, Pickaway County. He, too, was impressed by the great power combined with moderate speed possessed by the dilligence horses, and selected this one, named "Normandy," and recorded as No. 351, but better known as "Old Bill" or "The Valley Horse." He stood fifteen and a half hands high and weighed 1,500 pounds. His last owner—and he passed through several hands—estimates that he averaged sixty colts a year for eighteen years. His stock were very uniform in character, of good size, hardy and free from hereditary defects.

In connection with the Ohio importation, it would be unfair did we omit the bay stallion "Rollin," imported in 1856 by Jordon and Martin, of Woodstock, Ohio, but soon thereafter sold into Illinois, where he made a strong mark.

## THE MASSACHUSETTS IMPORTATIONS.

The Massachusetts Society for Promoting Agriculture imported, in 1864, several stallions and two mares, selected by Mr. Thomas Motley. These horses were above the medium size, in fact, of the largest type of Percherons. They were handsome, and had very different styles of action,—one, “Orleans,” a high-stepper and showy in his gaits; another, “Conqueror,” possessed of most excellent trotting action and great spirit. Though weighing about 2,200 pounds he was a natural trotter, and this quality was conspicuous in his get. The success of this importation induced the society, which, by the way, is the oldest agricultural society in the country, to make another importation in 1882. At this time five stallions were brought out, all of the distinctive Percheron breed. These are kept for service in different parts of the State, namely at Danvers, Framingham, Barre, West Springfield and Pittsfield.

For a number of years horse dealers have known that Boston taste required blocky horses, short coupled, and very heavy for their height; while the New York market preferred the horses tall, even at the expense of points of strength and constitution. Attributing the Boston liking for horses of the Percheron build to the knowledge of the grade Percherons resulting from the first Massachusetts importation, Mr. E. F. Bowditch, the secretary of the society was inquired of concerning its origin. He writes: “The taste for blocky horses has grown more within the last five or six years than ever before, but I think more from fashion than from any experience with grade Percherons.” Mr. Bowditch adds, in alluding to his experience with grade Percherons: “I am riding a grade Percheron which will take me (weight with saddle 225 pounds) over a four-foot wall very easily. I have had a mare for four years that has done everything done by any horse, includ-



ing cross country riding and being ridden and driven by children."

#### THE MARYLAND IMPORTATIONS.

Next in order of importation, and by far the most important as regards numbers and influence of any we have hitherto considered, are those made by William T. Walters, of Baltimore. This gentleman lived several years in France, and in 1866 made his first selection and importation, consisting of both mares and stallions. His acquaintance with government officers in high positions gave him the advantage of the advice and coöperation of Mr. Adolph Simon, director of the government breeding establishment at Seés, Department of Orne, which he has ever since enjoyed; the importations made for this stud for the past twenty years having been made in accordance with his selection. As a professional expert in the selection of breeding horses, Director Simon has no superior. In these importations the mares have always been in excess of the horses, in some cases the proportion being as great as five to one. So that Mr. Walters was the first in this country to establish a breeding stud of considerable numbers of Percheron horses.

He had made the acquaintance in Paris of Mr. Du Haÿs, the chief equery to the Emperor, and distinguished as the author of several books on the horse. The work which forms the principal part of this volume was translated by Mr. Walters with Mr. Du Haÿs' approval. It exhibits a thorough familiarity with both technical and idiomatic French, as well as great facility in rendering it into English. Importations have been frequently made for this stud, and always from the highest type of Percherons. The produce and many of the imported horses have been sold, and its influence, which cannot be disassociated from the personal influence of its proprietor, has been incalculable.

lable in extending the knowledge of this breed of horses among the horse breeders of America.

#### THE PENNSYLVANIA IMPORTATIONS.

If we draw the line at 1868 between the ancient and modern importations of Percherons, we must record as the earliest direct importation into that State the introduction of that excellent horse, "Duke of Normandy," by Captain Samuel Holman, of Chester Springs, Chester County. Captain Holman was traveling in France, in 1851, and being impressed with the excellence of the breed, selected and imported two stallions. One was sold and went west; the other remained and proved to be a very valuable stock-getter. We have no means of measuring his influence accurately, but the brief history of one of his sons—a half-bred, of course—gives an idea of the good of his get and the benefit the old horse was to Eastern Pennsylvania.

John J. Parker, of West Chester, who owned a son of his and worked him every day in his coal yard, writes: "His colts all commanded high prices, Lancaster buyers coming into Chester County for them; some of them went to Boston at \$400 to \$600 apiece, and six were purchased at high prices by an agent of the French line of steamers for use in New York. During the time that I was the owner of this horse I was convinced of the expediency of procuring some full-bloods. I saw the representation of Percheron horses, drawn from life, in the 'American Agriculturist' for April, 1868, and obtained Du Haÿs' book, and soon after commissioned a friend who had lived near us and who had returned to his native land (France), to purchase for me the best Percheron stallion he could find." The steamer which brought him out brought also three others consigned to Mr. Edward Shippen, of Meadville, Pennsylvania, and shortly

afterwards Mr. Schreiber, of Allentown, Pennsylvania, visited France and made an importation of a number of stallions, and subsequently Mr. Parker, before mentioned, went to France, and in the provinces of Eure-et-Loire and Orne obtained four stallions and one mare ("Rosa Bonheur") which were brought to West Chester.

This is, however, modern history, and is introduced because the mare "Rosa Bonheur" was bred by Mr. Parker to a full-blooded imported Arab stallion known as the "Jennifer Arabian," this being the only direct Arabian cross taken upon the Percheron in this country so far as we are informed. The foal was "Arabian Boy," a wiry, handsome colt sold to go to Oregon, where he proved a valuable sire.

#### THE GREAT IMPORTATIONS OF MORE RECENT TIMES.

The publication of Du Haÿs' little work in 1868 was simultaneous with the increasing interest in French horses, which the importations to which reference has been made had awakened, and it gave definiteness and form to the enterprise. Breeders who were convinced of the practical value of the breed were anxious to gain more knowledge about it. "The Percheron Horse" furnished them exactly the information they needed, and each year since its publication the importations have increased.

We can no doubt breed as good stock in this country as they can in France, and for two generations at least they would be undistinguishable; but the idea seems ineradicable that "French born" horses are the best, and this gives a supposed value to imported horses, which is represented by a high pecuniary equivalent. As long as buyers feel like this and are willing to pay twice as much for an imported stallion, simply because he is imported, as they would pay for an equally good American bred horse, the dealers will accommodate them.



A man who simply imports stallions for sale is certainly not entitled to be considered a breeder of Percheron horses, though he may breed horses extensively. And so it is not the mere possession of a few imported mares that should distinguish the breeder, *par excellence*, from the dealer. The distinction is important, because from those in whom the breeder's instincts prevail, who love and admire the Percheron race, who know its grand qualities, and in their importations, and in their breeding, aim to give them force and to reproduce them in this country, the breed has nothing to fear; while, from the merely commercial men who buy and sell, and perhaps breed, simply to make money, and with no love for the horse except as a means of gain, the breed has everything to fear; and in dealing with such the old Latin law term *caveat emptor*—"Let the buyer look out for himself"—is peculiarly applicable.

There have been large numbers of stallions imported which ought to have been gelded on arrival. They are doing little good if not mischief somewhere to-day. They seemed just the ones described by Du Haÿs as having wrought such injury to the pure Percherons on their home pastures. American breeders should beware of them, even though they may have been registered both in French and American stud-books.

This second period of the history of the Percheron horse in this country may be considered to begin with the issue of Mr. Walters' translation of Du Haÿs' book, "The Percheron Horse." Enough had already been seen and known of this breed to create an interest in the subject which took definite form at once. The admirable reports of J. H. Klippart, Secretary of the Ohio State Board of Agriculture, had been little read outside of Ohio, but wherever read had caused great interest in Percherons. Importations increased year by year. Stock companies were formed; horse breeders of experience and good

judgment went abroad and fairly took the French breeders and dealers by storm. America became by far the best customer for these horses, and the best friends of the Percheron breed greatly feared lest between our buyers taking the best that could be bought, and inducing the less conservative of the breeders of Perche to cater to American taste rather than to breed according to their own traditions and judgment, this American trade would work irreparable injury to the race. This was, however, to a great extent overruled by the establishment, first, of the "American Percheron Stud-Book," shortly followed by that of the French "Percheron Society."

It would be difficult to select among the many enterprising importers and breeders of Percherons those worthy of most honor. Their importations have been a boon to the country the value of which it is impossible to estimate. They have given us a race of draft horses which is hopefully not likely to deteriorate. The Percherons do as well on corn in Illinois as they did on barley in France; and a real cause of regret is that more mares were not imported so that we might have more American-bred horses. The number is, however, constantly increasing, and with their increase the need in importing so many stallions will be done away. Such breeders as M. W. Dunham and Daniel Dunham, of Wayne, Illinois; Ezra Stetson, of Neponset, Iowa; the Stubblefields, of Bloomington; Fullington, of Ohio, and Dillon, of Normal, Illinois, do honor to the country and to the breeds to which they devote their energies.

The number of Percheron horses now in the United States is estimated at about 5,000. They are owned chiefly in the great States of Ohio, Indiana, Illinois, Missouri, Wisconsin and Iowa, but there are large numbers farther west making their impress upon the horse stock of Colorado and New Mexico, Utah, California and Oregon. They are more and more used as sires at the

East, and the horse stock of our large towns, Boston, New York, Philadelphia and Baltimore is fast becoming heavier, blockier and grayer.

The early importations were all grays, and gray was preferred as the typical color. It is the prevalent color of the Arab, the favorite color with M. Du Haÿs and other distinguished breeders and writers; in fact it is characteristic, and any other color has been regarded with suspicion as indicative of impurity of blood if not of an absolute "bend sinister." Nevertheless the tendency of American buyers to select blacks, chestnuts and even bays was so strong that, in order to secure the higher prices which, so to speak, "fancy colored" horses would bring, it led many breeders into a course of breeding, to say the least, criticisable.

When the interest in Percheron horses grew so rapidly at the West, many buyers visited France and bought horses simply to sell again, with little regard to pedigree or points except as they affected the sale of the animals. Pedigrees were practically unknown among French breeders. The stallions passed through two or three hands before the American buyer saw them, and neither of their owners thought or cared about pedigrees. The same was true of mares, unless brood mares were bought, and even their owners rarely had any knowledge of their breeding except perhaps of their sires. The French were not long in finding out that they were neglecting an element of value, so, immediately after the establishment of the American "Percheron Stud-Book" in 1876, the friends of the pure race in France bestirred themselves in earnest to carry out M. Du Haÿs' plan of a Percheron stud-book. This was consummated and the first volume published in 1883.

It may, indeed, be a question whether there may not now be just as good, or better, horses outside the stud-book as in it, but those recorded we know are at least



born and bred in Perche, and in a few generations a great change will be noticed, we have no doubt.

Those passages in M. Du Haÿs' book in which he asserts the introduction of foreign blood even of big mares to increase the size, gave great offense to many Percheron breeders, and in the preface to their stud-book he is soundly taken to task for uttering such sentiments, which they characterize as "involuntary errors." The pressure upon the historian was so great that he was forced in a measure to recede from his position. Nevertheless we think no unbiased mind, with a knowledge of the state of things in Perche twenty years ago, can fail to believe that M. Du Haÿs was quite correct in his statements.

The race is of most wonderful prepotency, and we have no doubt, can, as it were, absorb and assimilate a great deal of foreign blood, so that after a few generations it will be entirely lost. Certainly with careful breeding it may be entirely bred out. This will be the natural course of things now that the two stud-books are well established.

Mr. Du Haÿs recently communicated a valuable letter to Mr. J. H. Sanders, President of the American Percheron Breeders' Association, from which we make copious extracts, as follows :—

LETTER OF M. DU HAÿS TO THE PERCHERON BREEDERS  
OF AMERICA.

*To the President of the American Percheron Horse-Breeders' Association.*—SIR: You did me the honor of informing me of the progress of your American Percheron Horse-Breeders' Association and of its success. I heartily thank you for your communication; I am happy to hear of your success, and I sincerely applaud it, both as a lover of the horse and as a friend of Perche. May the friendly relations which have been formed between Perche and your Society continue and get stronger and stronger every day. It is absolutely necessary that the

two Societies should work together in order to preserve the fine Percheron breed in its purity and to protect it from any alliances with the scrofulous breeds of the North. I am aware that your Society is working with that aim, and I wish most heartily that you should persist and continue to do so.

You must not admit any other registration but that of the stock already registered in the Percheron Stud-Book of France ; and once admitted in your stud-book, follow the method already used for thoroughbreds in England and France, which consists in indicating every year under the heading of each mare the produce she has had, whether male or female, and giving the color and name of the sire of each produce. Carefully take note of the years each mare has been without foal or when she miscarried, in order that one should know the families that are productive and those that are not. Also carefully take note of what becomes of each colt, in order to observe if he lives or dies prematurely, or if he is castrated or if he becomes a reproducer ; for the mare colts you ought to keep a record to know whether they go to the trade or whether they become breeders.

I would want your Percheron family not only always kept pure from any other breed, but that it should be classed in defined types, in order that one should not mate small *postiers* (coachers) with heavy dray horses.

I would like to see special families, namely, heavy drafts, middle-sized drafts, and smaller coachers ; and that these different types should never be crossed between themselves. I want to see the horse grow larger and heavier through exercise, hygiene and food. I want to see the improvement take place in the race itself.

When your breed has been thoroughly confirmed, when all the types shall resemble their own kind and possess a family air, if then you wish to give more style without interfering with the size and not create out-of-shape

animals, which always happens when you want to go too fast, you can then breed a few fine Percheron mares to the Arab, but to Arabs only, and yet with a great deal of guardedness, for the good Arab is becoming so rare that he is almost not to be found. Political questions that I have neither the leisure nor the desire to speak of here have brought about the degeneracy of the Arab race, and commerce has done the rest by requiring of the Arab a size and body that are not in his race. They have made half-breeds to satisfy the wants, and half-breeds or *metis* produce badly. I prefer that you should keep simply and safely to the Percherons rather than to see you try the Arab that would not be entirely pure.

Improve with a wise slowness and you will improve with safety ; for nothing is more dangerous and bad for a breed than to decrease and lose its characteristics, and this happens when you want to go too fast. If, on the contrary, you go slowly the animal confirms its breed more and more from generation to generation, and finishes by becoming of a very noble and very old family, without losing any of its strength and its size. A type thus improved, which we call confirmed, will always produce very well and will always produce its likeness and its qualities, and that with a mathematical safety. If you should find two types that are related to one another by blood, and possess fine and great qualities, in-breed them boldly, and laugh at the cry against in-breeding, (I have seen and could quote astonishing facts of the good results of in-and-in-breeding,) provided you should not persist in it when once you have obtained, through consanguinity, the blending of two remarkable types.

One word more to finish. I fear that the extent to which the Percheron horse is being imported to America has given place to frauds, and some importers try to sell you as Percherons horses those that are not such. Keep away from these as if they were a pestilence ; and though



the owner may tell you, "My horse is fine and good, buy it," if he is not a Percheron, however fine he be, do not take him to breed him with your Percheron race. This Percheron race possesses in itself all the substance for improvement and for beauty, provided you look well for it and work intelligently. A horse of a good breed, should he have grown inferior on account of a thousand reasons—of hygiene, of food, and others—will always give better produce than a horse of inferior breeding, though he may seem superior to him in his present beauty and conformation. Everything is in the race.

CHARLES DU HAÿS.

Paris, Oct. 24, 1885.

#### KINDRED RACES.

Similar influences to those which caused the development of this noble race of horses in Perche have tended also to the ennobling of the ancient Gallic breeds in other departments of France, through the intermingling of Arab and Andalusian blood, especially have the horses of Britany and of Normandy been thus improved, as also by intermixture with the Percheron. Joining ancient Perche upon the south, and stretching out towards Flanders on the northeast, it is not surprising that some of the horses of Normandy resemble the close-knit, nervous Percherons, on the one hand, and others the heavy Flemish cart-horses, which have been famous for their unwieldy ponderosity for a thousand years, upon the other.

It is indeed probable that some of the heavy Normans—characterized in extreme cases by big heads, loose, open joints, inferior loins, and often greater height and length of legs than proportionate depth of carcass—may have crossed the boundary into Perche, in the days of careless breeding, and imparted of their characteristics to form the larger of the three classes of Percheron horses referred to by M. Du Haÿs. No doubt is it for this rea-

son, or because he is well aware of similar influence from other sources that M. Du Haÿs so urgently pleads with American breeders to keep the three classes of Percherons, which we import, distinct. His appeal is vain, except perhaps in the cases of individual breeders. We cannot make distinctions in our stud-book, and still less can we have three stud-books, one for each of three classes—small, medium and large Percherons—hence, all will be interbred in this country, and we must trust to the tremendous prepotency of the noble breed to assert itself and gradually overcome the plebeian blood.

Mr. Du Haÿs enumerates besides the big mares of the kindred race of Britany, which were brought into Perche at the time of the most pressing demand for horses, the mares “from Picardy, from Caux and from Boulogne—the scrofulous races of the North,” and adds, “What can be said for them?” His opinion in regard to this whole class of draft horses, as compared with the genuine Percheron, is clear. His experience is vast and varied, and he has brought a sensitive and cultivated mind to the consideration of the subject with all the aids to arriving at positive facts which anyone can have. We shall do well to heed his warning.

The price of genuine Percherons has been advancing steadily for some years. The result has been that almost any kind of a draft horse bought in the French markets, may have been, and actually has been bought and imported, if not under the name of Percheron—then as Norman or as Percheron-Norman—unless, indeed, they may have come from Boulogne or Flanders and gone by their true names. The value of our Percheron stud-book will be perceived when one sees, that, as these horses are now absolutely excluded from it, Percheron breeders in this country will be obliged to keep the blood of their breeding horses and mares strictly within the herd-book limits. The tendency will be, of course, after

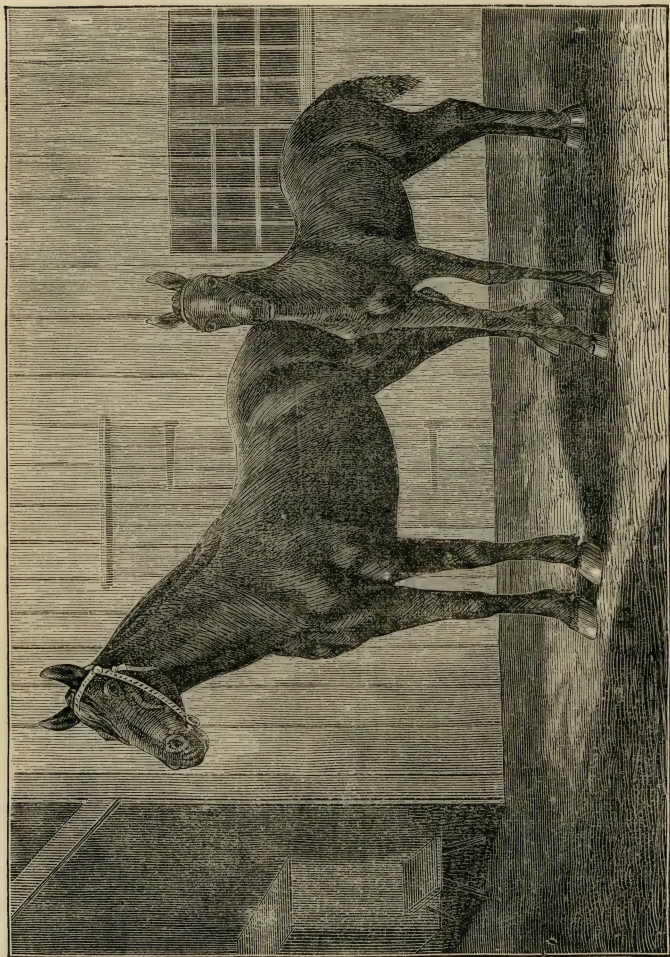
a few generations, to breed out the evidences of alien blood. This will take place except in cases of careless breeding and feeding and the neglect of the well-known conditions which have contributed to the formation of the race as we know it.

One of these conditions is "working the stallions," as well as the mares from first to last, that both in disposition and willingness to labor the foal, in its earliest development, may be under the influence of this ante-natal training. We can learn of no breeder of experience who does not think that we can raise just as good Percheron horses as we can import. This is no doubt true so far as we are capable of observing, but there will almost surely be some deterioration observable after a number of generations, unless the greatest pains be taken to breed closely to the highest type of the breed as clearly set forth by M. Du Haÿs. This is not found in the largest, rarely in the favorite middle size, but much more likely in the small, active 1,300 to 1,400-pound horse as the stallion, while the mare might well be of the medium size or even larger.

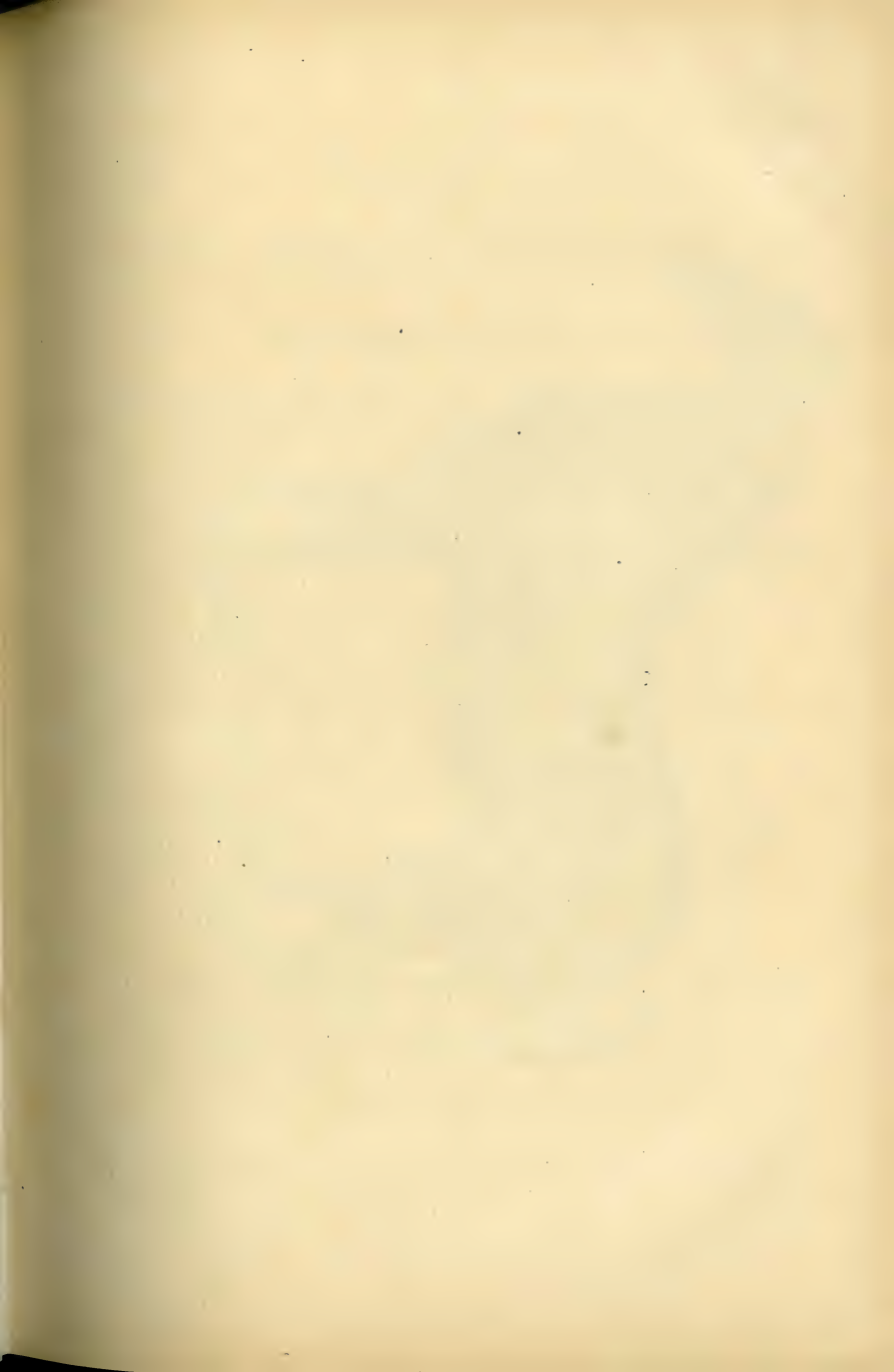
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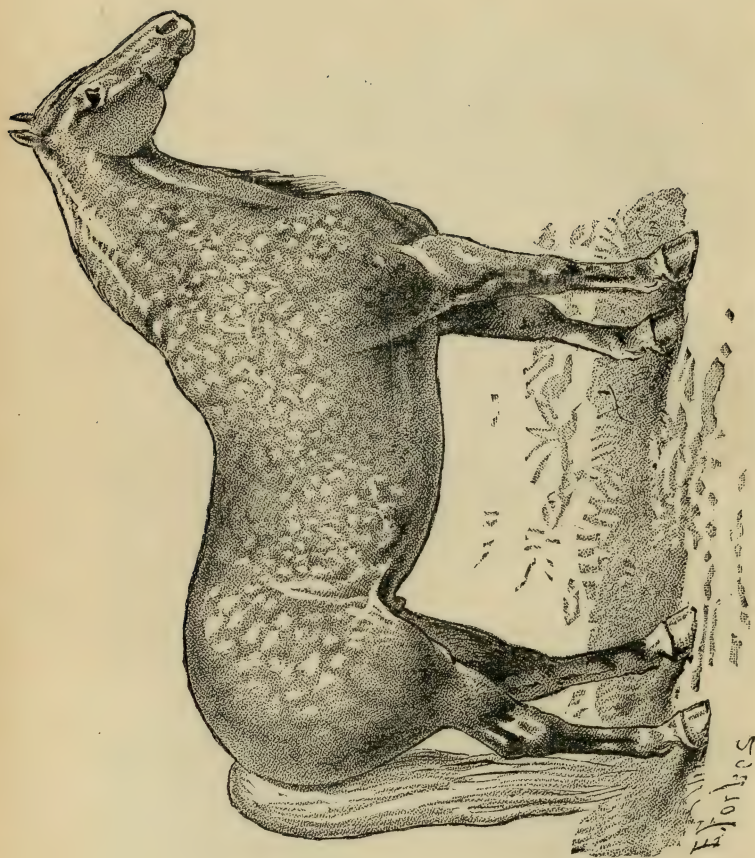
A series of questions were proposed to prominent breeders, when the idea of issuing a new edition of "The Percheron Horse" was first entertained. They were framed with the view of learning the views of breeders and importers in regard to our ability to breed horses of this breed in this country equal to those imported; the dispositions, health, soundness and power of these horses as compared with other draft breeds; the extent to which animals are registered, and the reliability of both French and American pedigrees. These questions have been very satisfactorily answered by the most prominent breeders. They exhibit an interesting diversity of opinion and have been very useful in the preparation of some of the preceding pages.





IMPORTED PERCHERON MARE ROSA BONHEUR, WITH HALF-BLOOD ARAB COLT.





HALF-BLOOD PERCHERON HORSE.



# THE PERCHERON HORSE.

By CHARLES DU HAÿS.

## PRODUCTION, REARING, AND IMPROVEMENT OF THE PERCHERON HORSE.

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.... *Facilis descensus Averno;  
Sed revocare gradum?*

Almost everything that has been written about the horse may be reduced pretty much to,—complaining that there does not exist a breed which unites, in an elevated degree, high moral to physical qualities; modestly seeking, and teaching the means of obtaining such a breed.

It is reasonable that such sentiments should surprise us, here in the heart of France, where, for a long time, a race of horses has flourished which may be said to fill the requirements proposed in every way.

The proof of this statement is easy: a hasty sketch of the principal characters of the breed suffices to furnish it.

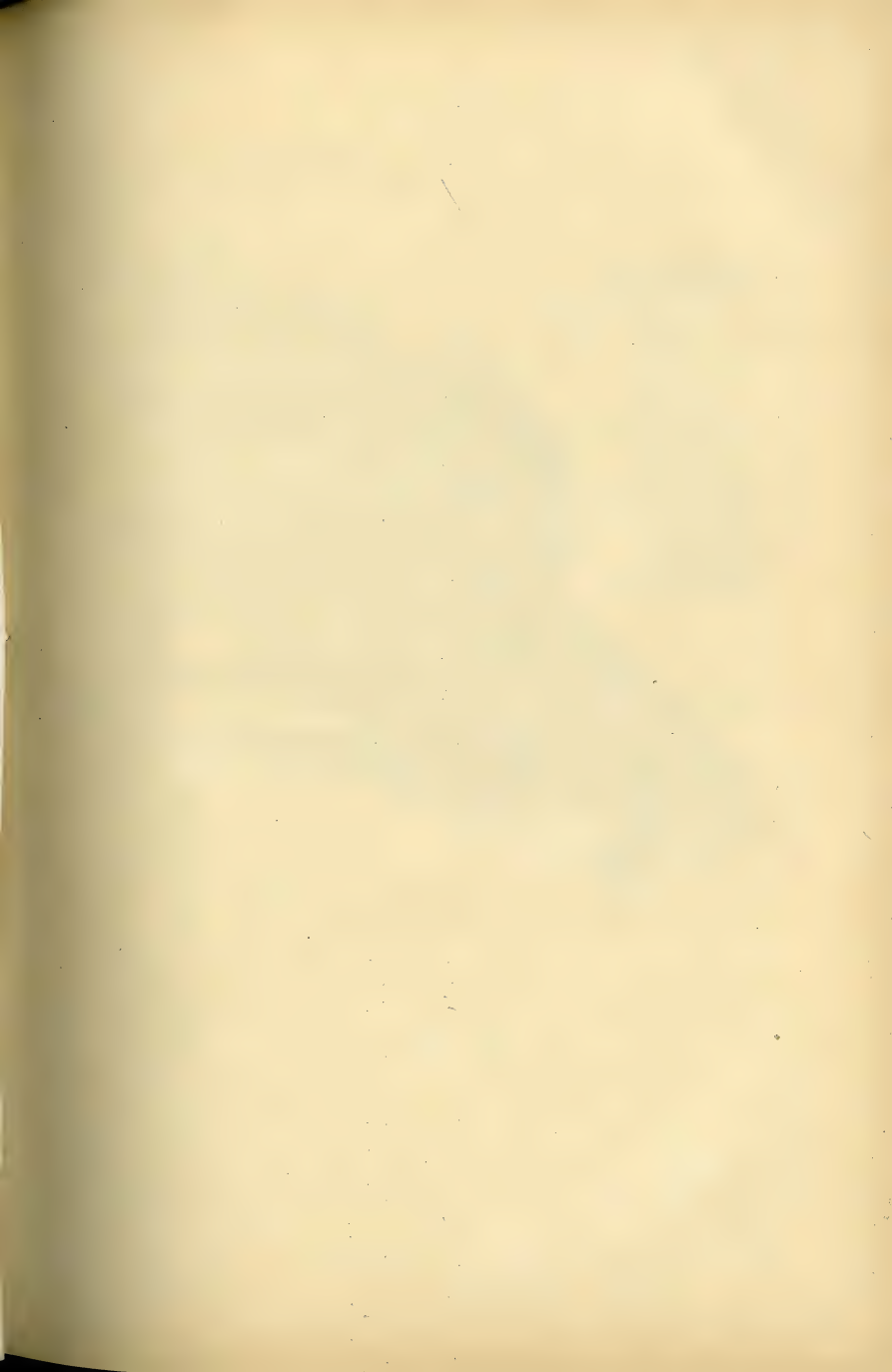
To no ordinary strength, to vigor which does not degenerate, and to a conformation which does not exclude elegance, it joins docility, mildness, patience, honesty, great kindness, excellent health, and a hardy, elastic temperament. Its movements are quick, spirited, and light. It exhibits great endurance, both when hard worked, and when forced to maintain for a long time any of its natural gaits, and it possesses the inestimable quality of moving fast with heavy loads. It is particularly valuable for its

astonishing precocity, and produces by its work, as a two-year-old, more than the cost of its feed and keep. Indeed, it loves, and shows a real aptness for labor, which is the lot of all. It knows neither the whims of bad humor, nor nervous excitement. It bears for man, the companion of its labors, an innate confidence, and expresses to him a gentle familiarity, the fruit of an education for many generations in the midst of his family. Women and children from whose hands it is fed, can approach it without fear. In a word, if I may dare speak thus, *it is an honorable race*. It has that fine oriental gray coat, the best adapted of all to withstand the burning rays of the sun in the midst of the fields—a coat which pleases the eye, and which in the darkness of the night allowed the postilion of former times to see that he was not alone—that his friend was making his way loyally before him. It is exempt, (a cause of everlasting jealousy among the breeders of other races,) always exempt from the hereditary bony defects of the hock, and where it is raised, spavin, jardon, bone spavin, periodical inflammation, and other dreaded infirmities, are not known even by name.

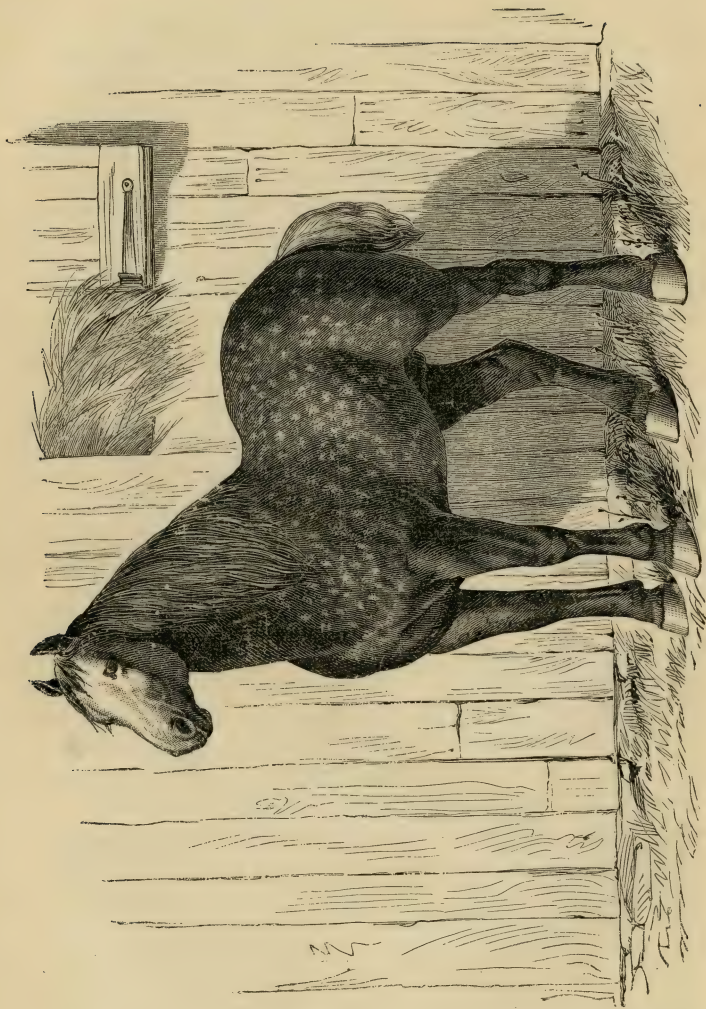
This truly typical race would seem a myth did it not exist in our midst. But every day we see, every day we handle this treasure,—the munificent gift of Providence to this favored region, to cause agriculture, that “nursing mother,” to flourish, and with agriculture, peace and abundance.

I need not name this breed; every one from this incomplete sketch has recognized the fine race of steady and laborious horses, bred in the ancient province of Perche, (so justly entitled *Perche of good horses*,) plowing in long furrows the soil of Beauce, and thence spreading itself over all France, where its qualities render it without a rival for all the specialties of rapid draft.

Hence it is that all our provinces envy us the possession of the race, and even foreign countries seek after it with an eagerness amounting to a passion.







HERCULES.

The breeder,—who is ordinarily a farmer, not sufficiently rich to be beyond temptation,—finds himself without strength, without resistance in presence of this urgent demand. The finest types, not only of the males, but of the females also, are disappearing every day.

This, tending incessantly to deprive Perche of that in which it is so superior, is so much more to be dreaded as the question of filling up the vacancies and of saving this race from a tendency to degeneration and from inevitable destruction becomes the necessary corollary of such commercial operations.

Entered upon this course, if Perche does not adopt, without delay, salutary measures, if it does not make a vigorous effort to place itself in a condition, either to resist the tendency or to contribute to it in a well-maintained and uniform manner, the breed is fated to a complete eclipse at the moment even when the future belongs to it.

Indeed *the future* does belong to the Percheron horse, if he can sustain himself in the first rank of the truly useful races until the not far distant day when that era of triumph will come. Every thing now seems to incline to establish the truth of what, at first, appeared a paradox.

I am aware that, for the moment, the Percheron has, in the class of fancy-horses, an antagonist that seems to derive formidable strength from the prestige belonging to elegance. The English thoroughbred and its congeners are in possession of the scepter of fashion and "*bon-ton*." But this antagonism, more apparent than dangerous, on account of the elevated but rather limited spheres in which it exists, will last but for a time, and will yield before reason and the necessities of a difficult situation.

Our age, factitious to excess, is governed by the demands and temptations of a luxury which is tending to ruin the most solidly established families. It wildly suffers patrimonies and fortunes to dwindle away under the lead of a vain and noisy ostentation, without perceiving

that already they are decreasing and becoming less every day, under the continued action of the laws. A change will be brought about, and the effect of an inevitable reaction will be a return towards sobriety and simplicity.

Recovering from the intoxication of city luxury, the best minds will, let us hope, recover their tone in the quiet of the fields, and agriculture will regain its too long forgotten rights. Tired out by allowing themselves to be eaten up by that elegant guest called the fancy-horse, and by the army of evil-doing satellites following in his train, men will come back to the one which requires but little care, and which returns good service, to the one which does not object to work, the boon companion of every man desirous of following nature's law, which is that of labor.

The value of the Percheron is more evident than ever. It is this, among the serviceable races, which is called to the greatest fortune; for, of all the ordinary breeds, it is the nearest to the blooded, in shape and qualities. His usefulness causes him to be everywhere in demand. If the railroads have driven him from the highway, they claim him as an auxiliary in the centers of population and at all their termini; for he is eminently a trotter, remarkable for the ability to move at a relatively rapid gait, and excelling in the valuable faculty of rapid draft. Since the post-coaches have ceased to use these horses, the omnibuses of the large cities, and those communicating with the railroads, require increasing numbers.

This leads us to seek for the means of improving the Percheron race and of maintaining it in its original purity and perfection in the land of its birth. But let us first see what is the origin of this race, what country gave it birth, and by what characters it is to be recognized.

We have, for this examination, borrowed largely of those who have known and studied Perche intimately, and hope to remain truthful in following them step by step.



# PART I.

## GREATNESS AND DECLINE OF THE PERCHERONS.

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### CHAPTER I.

#### GLANCE AT PERCHE.

The Department of Perche is too well known to need a description here. We will limit ourselves to the remark that this region, which has become so celebrated for its fine race of horses, represents an ellipse of about 25 leagues long by nearly 20 broad.

This ellipse is bounded on the north by Normandy; on the west, also by Normandy, and by Maine; on the east, by the portion of Beauce including Chartrain and Dunois; on the south, by the Vendomois—three portions of the ancient Orleanais.

At the present time, enclosed in the center of the four departments, Orne, Eure and Loir, Loir and Cher, and Sarthe, the territory of Perche comprises the following divisions:

*1st.*—The district of Mortagne (department of Orne);

*2nd.*—The district of Nogent-le-Rotrou, and a portion of those of Chartres, Dreux, and Chateaudun (department of Eure and Loir);

*3rd.*—All the western side of the district of Vendôme (department of Loir and Cher);

4th.—The eastern portion of the districts of Mamers and Saint Calais (department of Sarthe).

It is the summit region of the middle portion of the vast plateau extending between the sea and the basins of the Loire and the Seine. It is here that the rivers Sarthe, Huisne, Eure, Loire, Iton, Hôene, Braye, Avre, Commanche, and Percheron Orne, take their source, springing up from the same plateau and crossing it on their way to the Channel and the ocean.

The country is, in general, uneven and hilly, cut up in every direction by small valleys watered by springs or small brooks flowing into the rivers above named. All these valleys, no matter of what extent, are natural meadows, and the most of them rich and fertile. But drainage could here be usefully applied everywhere, to rid them of their surplus humidity, and to purge them of their too abundant aquatic plants. The finest valley is that watered by the Huisne, which is second to none in France for length, extent, richness, and beauty of sites. Here are situated Nogent-le-Rotrou, Condé, Regmalard, Boissy, Corbon, Mauves, Pin-la-Garenne, Reveillon, etc., etc.,—all centers renowned for the beauty of their horses.

The land is generally clayey, lying upon a calcareous subsoil of the secondary formation. Some portions are silicious, the high and hilly points always so.

The Percheron country contains rather few meadows, in proportion to the total surface of the soil, and to this circumstance, probably, is due the superiority of its horses. Here the rearing takes place in the stable and the broodmare is found under the hand of the breeder. The idea of making use of her comes naturally to his mind. He works and feeds her well. All the secret of his breeding lies in these few words.

Here, for many years, agriculture has flourished; artificial meadows are everywhere cultivated with success,

and are necessary to produce the enormous quantity of fodder consumed by the number of horses raised.

Among the plants for green and dry forage, clover first and then fenugreek are the favorites of the Percheron farmer. He uses plaster and marl with care, and would tell you, should the opportunity offer, that it is through system and superior cultivation that Perche has been able hitherto to meet the large demands made upon her from the commencement of the present century, particularly for the last fifty years. He is, moreover, laborious and persevering. Disregarding the industrial arts, the glory of other districts, his true vocation, his favorite occupation, is cultivating the ground and raising horses, which he has practised with zeal from the most remote period. In fact cannot this be inferred, even from the example of his early lords? The Counts of Perche, those old Rotrou, triple knights, had they not adopted as an emblem of their nobility the stamp of their horses' feet? . . . Not content with a single chevron, they placed three upon their standards, to signify both the superiority of their horses, and their infinite number. For in symbolical language (and none is more so than that of heraldry,) the number three implies infinity; and the oval form of the eastern courser's foot, to which the chevron is distinctly traced, was used in early times as a sign of chivalry, replacing the ancient ring of Rome. Hence comes, as a distinctive mark of nobility, the large number of coats of arms with chevrons, among those of the knights. The simple chevron was the designation of the noble, and the particular marks which often accompanied the chevron served to recall some exploit, some distinguished feat of arms, the nature of the tastes, or the possessions of the warrior who bore this blazon.

Perche is very much cut up: the farms generally small; the fields, likewise small and mostly enclosed by hedges. The temper of the Percheron breeder is invariably mild. He knows all the importance of attention to the race which



he rears, and nevertheless, it must be confessed, that with the exception of the mildness with which he treats it, he has done next to nothing to ameliorate it or preserve it in its beauty. Nature, time, and the climate, have done all.

Perche has a climate eminently favorable to horse-breeding. Under its influence, the water is tonic and the food nutritious, the air is pure, bracing, and drier than that of Normandy. The sea is farther off, and its influence, in consequence, is less felt.

However, these can be but general attributes, for the country varies in aspect according to the district. The portion near Normandy, which is watered by the Sarthe, is much the same as that province. The grasses are, however, sparser, and especially do not have that extreme sweetness and great tonic quality which distinguish those of the environs of Courtomer and Merlerault, situated only a few leagues from the limits of Perche.

On the side of Beauce, there are vast plains sometimes undulating, and having much similarity to that province.

On the Maine side, the country gradually assumes the characteristics of aspect and cultivation peculiar to it, so that the transition between these two provinces is not an abrupt change, but they blend like the tones of a picture. Upon some points woods, ponds in the north-east, forage and grain upon the remainder, are the chief features, and are the sources of the revenues of the country.

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## CHAPTER II.

### SKETCH OF THE PERCHERON RACE.

The height of the Percheron horse is generally  $14\frac{3}{4}$  to 16 hands; he is of a sanguine temperament, mixed in variable proportions with the musculo-lymphatic; his color is al-

most always gray, and is, among the characteristic features, that which first strikes the eye.

According to their predominance, these temperaments constitute varieties which may be thus classed :

1st.—The light Percheron, in which the sanguine temperament predominates ;

2nd.—The draft Percheron, in which the lymphatic temperament is the most fully developed ;

3rd.—The type intermediary between these two, partaking of the one by its lightness, and of the other by its muscular force.

The latter is the most numerous, but it has much degenerated of late years ; and there is a tendency to its disappearance since the post-coach service, which formed it, has gradually given way to other means of conveyance. It has style, although the head is rather large and long ; nostrils well open and well dilated ; eye large and expressive ; forehead broad ; ear fine ; neck rather short, but well filled out ; withers high ; shoulder pretty long and sloping ; breast rather flat, but high and deep ; a well-rounded body ; back rather long ; the croup horizontal and muscular ; tail attached high ; short and strong joints, and the tendon generally weak ; a foot always excellent, although rather flat in the low countries and natural meadows ; a gray coat ; fine skin ; silky and abundant mane. Such are the most general characteristics of the old Percheron race. These are the points which are still noticed upon what remain of some old horses, preserved from the transformation which commenced long ago ; for at the present moment everything is much changed. Since the time of the foreign crossings, the foot has become flatter, the head overcharged, the tendon still weaker, the back longer, the shoulder has lost its direction, and the croup has become shorter. The race has changed suddenly to fill new wants which have unexpectedly sprung up.

Of course these different characters are modified by the varieties upon which they are noticed, but the "*ensemble*" presents a striking similarity.

The light Percheron, suited to harness, is found particularly in the Norman portion, in the district of Mortagne, near Courtomer, Moulins-la-Marche, Aigle, Mesles-sur-Sarthe, and especially in the parishes of Mesnière, Bures, and Champeaux-sur-Sarthe. This is easily accounted for, as here is the best blood of France, near the region where has been found the best Norman type. Here the soil, temperature, and pasturage, are pretty near the same.

In going from Nogent-le-Rotrou to Montdobleau, and following the limits of Perche-Manceau, by Saint-Calais, Vilvaye, Ferté-Bernard, Saint-Corme and Mamers, we travel over the birth-place of the heavy draft-horse. Here we meet with the heavy brood-mares.

In the center of Perche, at Mauves, Regmalard, Louny, Corbon, Courgeon, Reveillon, Villiers, and Saint-Langis, nothing is bred; the farmer brings up the horse colts of Eperrais, Pin-la-Garenne, Coulimer, Saint-Quentin, Buré, Pervercheres and the breeding parishes of the district of Mortagne, Nogent-le-Rotrou, Montdobleau and Courtalin.

Horses of different sexes and ages are never mingled in Perche; they are there separated with care. But it is not exactly the same in respect to kinds.

The post-coach and the heavy-draft horse are there to be met with upon the same ground. The post-coach horse is, to be sure, bred a little everywhere; his temperament and the conditions in which he is placed, prepare him for this specialty.

It is, as we see, at the two extremities of the ellipse (especially where the pasture grounds are), that the mares are found. In the center, at Mauves, Regmalard, Louny, etc., etc., the inhabitants turn their attention to bringing up the colts.



## CHAPTER III.

## ORIGIN OF THE PERCHERON.

What, now, is the origin of the Percheron? Some attribute to him an Arabian ancestry; others, less explicit and without positively assigning to him so noble an origin, hold him to be strongly impregnated with Arabian blood. M. Eugene Perrault, one of the most extensive and skillful dealers in fancy horses in all Europe, has frequently remarked to me that of all the various races of horses none were so interesting to him as the admirable Percheron, and that, judging from his appearance and qualities, he was satisfied he was a genuine Arab, modified in form by the climate and the rude services to which he had for ages been subjected.

We cannot, however, find in history the written positive proof that the Percheron is an Arab, but we believe it easy, by fair historical deduction, to prove what he is in fact.

It is well known that after the defeat of the famous Saracen chief Abderame by Charles Martel, on the plains of Vouille, the magnificent cavalry of the foe fell into the hands of the victors, since more than 300,000 infidels were killed on that day, and the horses which they rode were, like themselves, from the East. Upon a division of the spoil a large number of these were assigned to the men of La Perche, of Orleanais, and Normandy, who composed the bulk of the French forces, and they must necessarily have left in their progeny indelible traces of their blood.

La Perche, like all Christian countries, furnished, as is well known, her contingent of fighting men to the crusades, and the chronicles cite several Counts of Bellesmer, Mortagne, and Nogent, barons and gentlemen of that province, who, with many of their vassals, made pilgrimages to the Holy Land.

The Abbe Faet, in a letter addressed to the Congress of Mortagne, July 16, 1843, and in his great work upon La Perche, cites in this connection a lord of Montdoubleau, Geffroy IV., and Rotrou, Count of La Perche, as having brought back from Palestine several stallions, which were put to mares, and the progeny most carefully preserved. The small number of the sires, their incomparable beauty, and manifest superiority, must have led to the *in-and-in* breeding so much deprecated by most breeders; but the qualities of the sires became indelibly fixed upon their progeny.

The lord of Montdoubleau was, it is said, the most zealous of the advocates and breeders of the new blood, and, being the most zealous, was the most successful; hence it is that the Montdoubleau stock is to this day the best in Perche. The Count Roger, of Bellesmer, imported both Arabian and Spanish horses, as did Goroze, the lord of Saint Cerney, Courville, and Courseroult; these are historical facts which have their importance. Like chronicles, it is true, exist for other provinces—for Limousin, for Navarre, for Auvergne (the land of noble horses), also for Brittany and Maine; but in the latter not the least sign of Eastern blood is perceptible. The fact is, the crusaders from all the French provinces naturally brought back with them more or less of the Eastern blood, which they had learned to appreciate on the plains of Palestine—but the truth is, it has not been preserved elsewhere; and that we in La Perche, after so many centuries, should be so fortunate as to be able to show the traces of it, should stimulate us to its careful preservation.

From the time of the Roman domination, the horse in his oriental forms was not only valued by the Gauls, but was particularly prized in Perche. In 1861 a subterranean vault was discovered in the middle of a field, near Jargeau (Loiret), upon the borders of Perche. It contained a statue of Bacchus, surrounded by bacchanals, with

which were found a horse, a stag, a boar, some fish, a grape vine, and other native products of the country; but the horse was indubitably of the Arab form, which goes to prove, either that at that remote period there were Arabians in the country, or that the native local race from which the portrait was taken resembled the Arabian.

These historical data, these inductions, incomplete as they may be, lead to the belief that for antiquity the Percheron yields to no other of our French races, and that the soil which has nourished and preserved it, must be one of the best in France for horse breeding.

Under the feudal rule and inhabited by tenants ever at war, Perche must always have been an equestrian country, and the horse must have been there in every age the companion of man. He must have been really a first class necessity. In those times of continued war and hostile surprises, what property was more movable and so easily taken to a place of safety? How glorious the possession of such noble coursers, and like the Rotroux, to own more than could be counted, as was proudly shown by the heraldic chevrons upon their broad banners, displayed from the towers of Mortagne and Nogent!

But had the Percheron then, as a race, the characteristics it now possesses? This is not probable; it must have been lighter, but still possessing within itself the character which it now presents. The essential point is to prove that there was, at that period, a native race; and if the extraordinary life formerly led there—if the aspect of the country, which must have been always fertile—if the historical inductions do not prove it—the universal tradition of the whole country should not leave us in any doubt in respect to the fact.

Let us, then, take no account of the silence of historians. This silence is no proof of the non-existence of the Percheron. Most of these writers were gentlemen of the



equestrian order; they prized the saddle-horse, while they ignored the equally useful breeds of all work.

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## CHAPTER IV.

### MODIFICATIONS OF THE PERCHERON RACE.

The Percheron race comes from the Arab; but it is useful to know the causes which have separated it from the primitive type. How has it been modified? How has it lost the Arabian character, in which it must have been at first clothed? A large number of the French races have been even more profoundly modified, and have become abject, miserable, puny, and misshapen. All equine races have been changed by the effects of climate, by the extinction of the feudal system, and by the inauguration of peaceful habits which have made an agricultural and draft-horse of the horse primitively used for the saddle and for war. The Percherons must have been especially modified by contact with the breed of Brittany, where their striking characteristics are now met with in a large number of individuals.

However, it has been vigorously attempted to offset the intrusion of the heavy horse by the continued use of the Arabian horse. Indeed, we see, towards 1760, under the administration of the Marquis of Brigges, manager of the stud-stables of Pin, all the large number of fine Arabian, Barb, and eastern stallions, that this establishment owned, were put at the disposition of the Count of Mallart for use at his mare-stables of Cœursme, near Bellesme. The arrival of the Danish and English stallions at the stud-stables of Pin put an unfortunate end to the influence of the Arab horse in Perche, and it will now be many a

long year before the eastern blood will be seen as before. It is only towards 1820, still at the same chateau of Cômesme, with the grandsons of those old admirers of the Arabians, that we find again two Arab horses from the stud-stables of Pin, *Godolphin* and *Gallipoli*. These two valuable stock-getters, both gray, again gave tone and ardor to the Percheron race, and transformed definitely into gray horses the stock of the entire country, which had, it was said, become less uniform, and of all colors.

The Brittany horses have been strongly attracted towards Perche by the immense outlet offered by the public service, since the increase of the roads, to the Percherons. Mixtures between the two races must have been frequent. And when a good Brittany horse was there met with, he must have been made use of, and the old native type has gradually tended to disappear, and its traces become more and more rare. This mixture of Percheron and Brittany blood, too well marked to be questioned, arises from several causes, which we will take up successively in review.



## CHAPTER V.

### THE FIRST MODIFICATION, DUE TO CONTACT WITH THE BRITTANY RACE.

Perche is bounded, in its whole length, by the immense plains of Beauce. On account of this position, it was always traversed by the post-coaches for Paris, and by all the supplies that came from the West.

Being the intermediate point between the principal home of the Brittany draft-horse and the immense markets which Beauce and Paris offered, its territory was the necessary stopping-place of everything that came from

the West. It has been for many years the rendezvous of the draft races of the whole West.

Now, see in what an exceptional position this country is placed. First and foremost, I do not hesitate to say that there exists no French race which could have multiplied and preserved its original type under such unhappy influences. We can but deplore the slight care taken in preserving it pure and intact, and the want of judgment in the delicate operation of crossing.

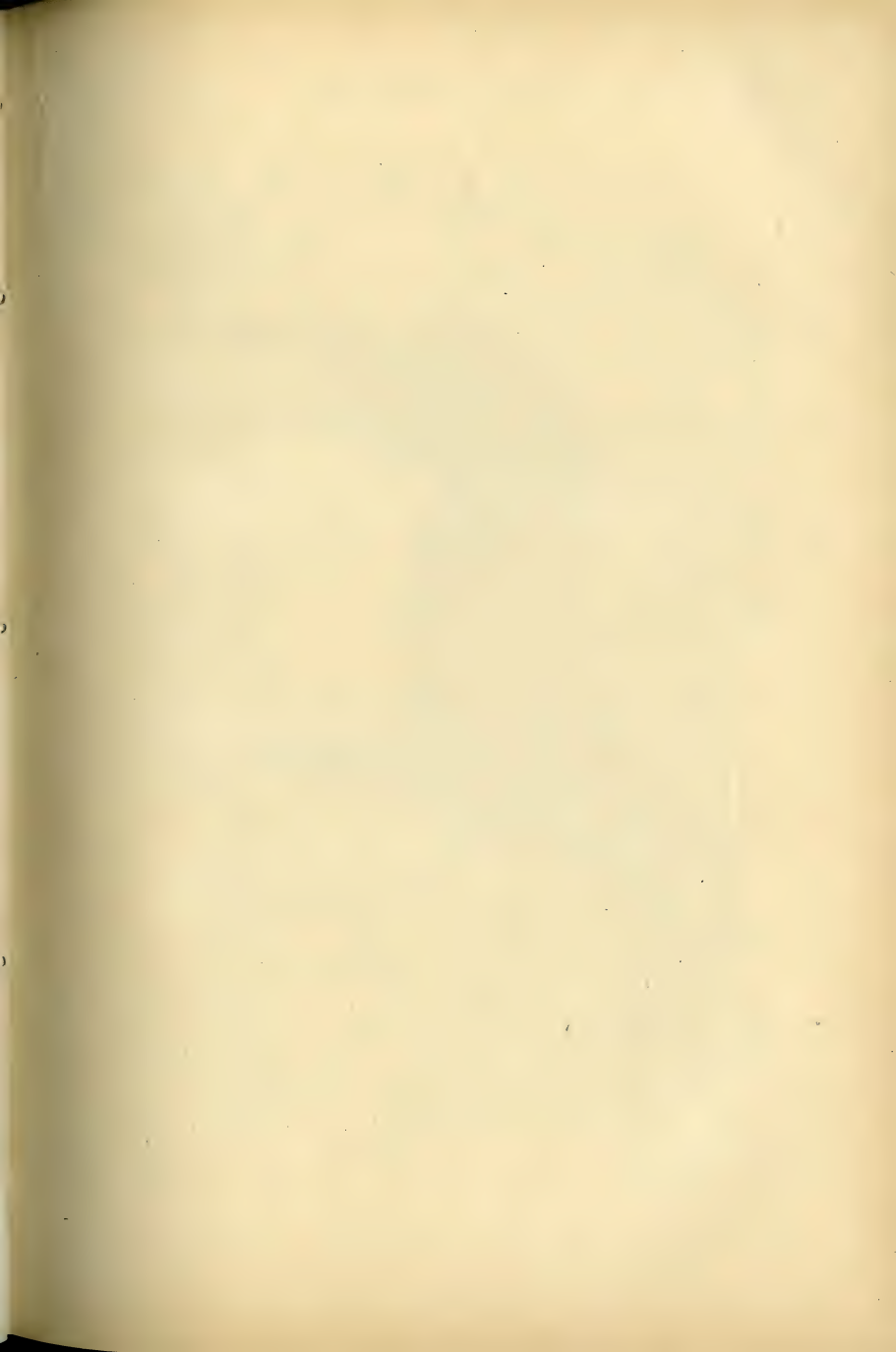
There has been no uniform and logical plan for improving as well as increasing it. To make the greatest possible profit out of this hen with the golden eggs has been the only aim.

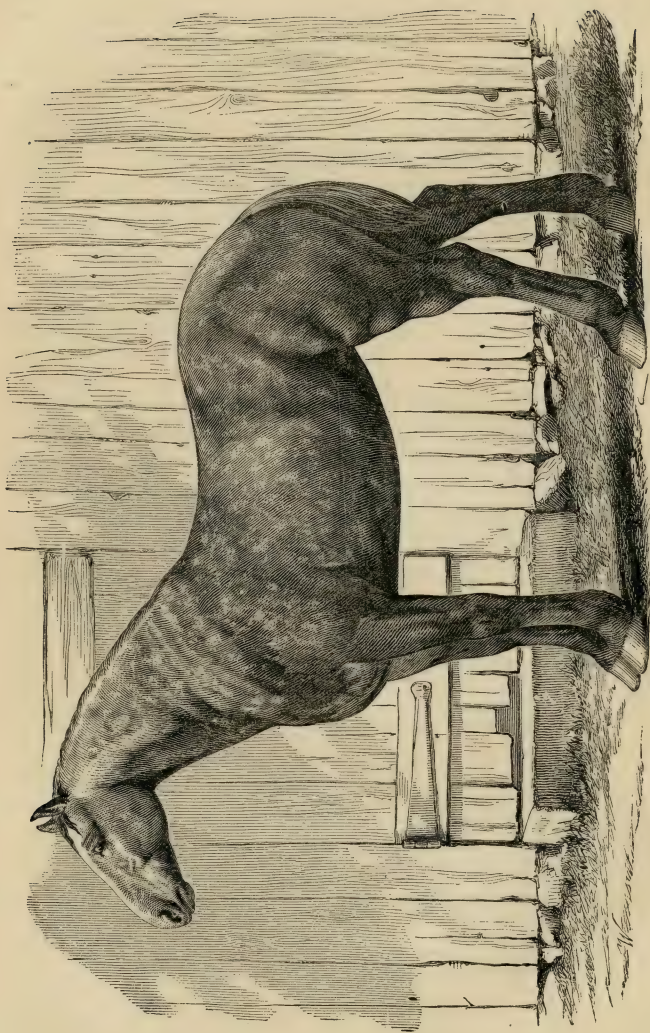
When the post-coaches, wagon transportation, and the public conveyances were organized and generalized; when every thing requiring the use of the horse had undergone excessive development; when the improvements of our roads, the multiplicity of business transactions, and the enormous internal traffic, required increased and rapid locomotion, all eyes were turned towards Perche, and it became necessary for her to satisfy the increased demand.

Let us see in what condition was the Percheron breeder to satisfy all these demands. As for race, he possessed the best. Strong, yet quick, it was that, of all others, which contained the most blood. It owed this to the soil and climate. It was the best to feed, the easiest to raise, and the most favorably situated to be cheaply multiplied. And with all this, it had at its door the best of known markets.

Wagons, diligences, and post-coaches, required horses such as the Percheron cultivator loved to breed for himself. Hence that sympathetic understanding which developed itself more and more between the Percheron producer and the consumer occupied in public transportation. And the anxiety to meet the demand was one of the most active causes of degeneration and of the drafts made upon this and the neighboring breeds.







ALENE-MARE.

## CHAPTER VI.

## CONDITIONS UNDER WHICH THEY ARE BRED.

We know how the sexes are divided in Perche; one section of the province produces, while another raises what the other has produced. No matter what may be the class to which she belongs, light or heavy, or partaking of both, the mare is expected to breed every year. If barren, she is sold, and this fault continuing, she passes into public use. During her gestation she works constantly. A few days of rest, before and after foaling, is the only time lost. The remainder of the time her work pays abundantly for her keep and the interest on her cost.

At the age of five or six months, the colt is abruptly weaned and sold. Its price varies from five to six hundred francs—sometimes more, but this is the exception—and so far it has cost nothing.

Led into the interior upon the fertile meadows of Mauves, Pin, Regmalard, Corbon, Loughny, Reveillon, Courgeron, Saint-Langis, Villiers, Courgeoust, etc., etc., it remains one year unproductive. In winter it is fed upon hay, in the stable, and during the fine season turned into the fields to graze. To sum up, it is rather poorly nourished on bran, grass, and hay.

The reason is, it is as yet unproductive to its master, and it feels the effects. Wait a little; its hardest time has gone by, and work will soon soften its lot. It reaches, in this manner, the age of 15 or 18 months. What has it cost for keeping? Very little. Estimate, about 80 or 100 francs. At this age it is put to work. Naturally docile and in the hands of a man always patient and mild, its training is generally easy. Assigned to farm labor, it plows or draws a wagon. Harnessed with four or five colts of its own age, together they pull what would be an easy load for two good horses.



Put before two oxen, or joined to three of its companions, it plows and is never overworked.

Now, it is better fed, and taken a great deal better care of. Its "*morale*" improves, and its master seems to delight in contemplating the progress and the development of its qualities. Thus, in traveling through Perche, one involuntarily stops in the midst of the fields to see it work, never tired of admiring the vigor it displays, and the gentleness with which it is treated.

The bait is there. At the age of three the Beauce farmer buys it to work his soft and light soil. For him, it must be preserved intact, its development uninjured, nay encouraged.

Master, servants, large and small, all deeply imbued with the love of the horse, unite in this work with admirable skill.

It has thus worked during one year, abundantly fed, but receiving little or no grain. Doing enough light work to pay for its keep, the master has received, besides its manure, a heavy interest on the cost, as we will presently see.

This premature work, which would have been injurious under a careless management, is, on the contrary, beneficial when it is in the hands of a good master. This is so much the general case, that the contrary is the exception. The animal grows and becomes better developed in size and strength.

Now, as we before observed, the Beauce farmer comes to buy. He lives in a country of proverbial richness. The work there is abundant, but the nature of the soil renders it extremely easy. The fields, very much divided, and distant one from another, make a rapid gait indispensable.

In Beauce, the horse cannot be replaced as a beast of burden; no matter how dear his keeping, his use is indispensable; the ox cannot be his competitor. But it is a

fact of the greatest importance to state, that it is to the ox that the Percheron horse owes a part of his celebrity.

As is well known, Beauce is the exceptional country for cereals; the horse and sheep are pretty much the only animals which there produce a manure required by such husbandry. Add to this the breadth of land under tillage, and the extreme fertility of the soil, and the large number of horses kept by the Beauce farmer will be accounted for.

At three years old, the Percheron dealer sells his horse for 900 or 1,000 francs, and sometimes more, according to his merit. But he does this only in order to buy other colts; and the profit has been, in fact, sufficiently large to warrant him in this. He has had against him only the chances of mortality. These are small; the race is tough and hardy. Accidents are more to be dreaded, and these sometimes occur. Living in the open air, in the company of other animals, the young colt is a little exposed to the influences of chance. But the fields are enclosed, the master's eye is upon it, and, to sum up all, the large profit covers every thing.

Reaching Beauce at three years old, he is subjected to hard work. The work is easy enough, but there is much of it. He must be quick, the breadth of land is very extensive, and the work must be done. Sowing and harvesting—these two words sum up the Beauceron agriculture. Otherwise expressed—plowing and hauling. As regards the horse, all must be done promptly and quickly.

But if he be hard worked, on the other hand, nothing is denied him. He eats as much grain and hay as he pleases. What difference does this make to the farmer? Do not his labor and his manure pay for his nourishment? And, moreover, how act otherwise? As we have seen, nothing can supply his place. Necessity has no law.

He lives in this way a year, with abundant food. Sometimes he succumbs; the mortality is quite large in this region. But the stock which remains after such a training

offers many guaranties to the the dealer who buys it to transfer, if they suit, to the express and omnibus companies; or if they belong to the draft race, to the contractors, wagoners, and builders, of Paris. At five, he is bought by the horse-dealer at the annual horse fair on St. Andrew's Day in the town of Chartres. There he is delivered, the farmer leading his horse upon the ground. The prices vary from 1,000 to 1,400 francs. The profit is small, sometimes nothing, the greatest gain being his work, which cannot be dispensed with. The feeble have perished; the survivors owe their lives only to their robust constitutions.

Before dedication to his final use, he has thus passed through four hands; all these have shared the risks of his rearing. The most serious have been for the last owner; but he was also the wealthiest, and to him also has he been the most useful.

Thus, we see, the foal costs almost nothing, and his work pays for his keep. Perfectly well fed, and exercised from his tenderest age, the Percheron has always been the first draft-horse in the world, and he would have constantly improved, if his admirable qualities themselves had not led to his degeneration.



## CHAPTER VII.

### CAUSES OF THE DEGENERACY OF THE PERCHERON HORSE.

The breeding of the Percheron horse has been so much the more stimulated, in consequence of his situation, his well-known qualities, and the favorable economical circumstances in which he is placed.

Was not everything in his favor? Sure and increasing sales and great facility in raising?



In a word, Perche is not large; the number of horses that it can produce is limited, and not being able to answer all the demands made upon it, competition stepped in.

At first, the finest types, the males especially, were sold. Then, little by little, the traffic increasing, the finest females, in their turn, commenced to appear upon the market.

The interior of France and foreign countries, Prussia especially, were anxious to possess them, the latter country, in order to form a race of draft-horses, which it absolutely needed, in consequence its own becoming too light.

It is the only race which has been accused of no faults,—simply because it has satisfied a real want and has been able to satisfy it fully.

The sale of colts becoming greater and greater, and all the farmers being interested in buying them to raise, Brittany sent hers upon the markets. They made their appearance in Perche and in the fairs of Mortagne, Courtalain, etc., etc., taking their place there alongside the colts of the country.

The breeding-mares being sought after, and in consequence sold, it became necessary to replace them. Their offspring sold too well not to think of increasing their number. Hence the introduction, at first, of a large number of Brittany mares, and afterwards of mares from Caux, Picardy, etc., etc., approaching nearest, both as to height and coat, to the race of the country.

If there had been among them only the Brittany mares, I would but half complain: these are well bred; and moreover, has not Perche contributed to the improvement of the Brittany race by sending into their country such famous stallions as *Pomme*, *Bijou*, and *Tancrede*? But the mares from Picardy, from Caux and from Boulogne—the scrofulous races of the North! What can be said for them?

This introduction is not of yesterday; it is already of long date. But it may be boldly advanced that it is only since 1830 that it has been effected upon a very large scale.

1830 was the era of the systematic infusion of the English pure-blood into our French half-blood races. Having become, by this fact, less fit for service, they commenced to lose their credit in the eyes of thinking men. The rich ran after the English, while others wanted the German horse, and this made the latter's fortune. The majority addressed themselves to Perche, and thus obliged her to multiply anew a stock already become insufficient.

In Upper Perche, that is to say, towards the Norman part, in the district of Mortagne, the introduction, (we are ignorant of its cause,—perhaps from the presence of some good stallions,) was not so great; but it did, nevertheless, take place, and its traces are discovered at every step. It would be very difficult, if not impossible, to find there at the present moment, a Percheron completely free from mixture of foreign blood.



## CHAPTER VIII.

### STARTING POINT OF THIS DEGENERATION.

As long as the post-coaches were flourishing and the diligences crossing France in every direction, it was especially a horse fit for their uses that Perche devoted itself to produce. But since these modes of transportation have been modified, the race, with them, has undergone a complete transformation. As this country only possessed, as an outlet for the light part of its stock, the expresses, omnibuses, and post-office services in the interior of Paris, and later the private post teams, etc., etc., which only employ quick-gaited horses, it became necessary to think of rendering the race heavier, in order to replace the monopoly of the mail stages and diligences by another monop-

oly. Had it not before it the necessity of satisfying the commercial wants—that is to say, the express cartage, the heavy work of the contractors and builders of Paris, and in the provinces, the services of the large towns, and the express and other business connected with all railroads? The fear of losing this important market offered to his qualities of speed, strength, and honesty, tempted the breeder to infuse too suddenly the blood of the heavy draft-horse. He might have accomplished this more slowly and gradually, by means of a rational coupling with the heaviest bodied native types; but our age, eager to enjoy, did not leave him the time. To answer to these new wants, Perche opened wide its doors to all the heavy mares that it could meet with. Many came from Brittany, others from Picardy and Caux, and some from Boulogne. During this time the ancient stallion of the country, eagerly sought after by all those who wished to create fine draft studs, passed into the interior and even into foreign countries.

The success of the Percheron race was very great. All the departments wished to acclimate it. The prices of these stallions had increased so rapidly in a few years, that they had tripled and quadrupled. Accordingly, the possessors sold them. The administrative authorities, aided by the élite of the proprietors, endeavored, however, to hinder this emigration. They formed a stud-stable at Bonneval; but this establishment was not composed of types that were homogeneous and adapted to assure a regular and continuous improvement. Prizes were given at Mortagne, Nogent-le-Rotrou, Illiers, and Vendôme. But an end was arrived at contrary to what was desired. The prizes served as signs to the dealers. Perche was visited to buy first-class horses. What surer guaranty than the prize? And then, how could the breeders resist the prices of 3,000 and 4,000 francs, and even more, offered the proprietor of a stallion?



It will be objected that these stallions, before disappearing, had already served; I know this. But how served? They had served at two or three years, before their complete development, and it was at the age at which they would have been most useful, that they were withdrawn from their district, and the same thing was true with the best mares.

Several departments carried off great numbers; they were sent everywhere. A great many proprietors bought them. Thus disappeared, gradually, the flower of the breeding-mares. The race was cut off in its prime. Perche stretched its sails to the winds of the present without thinking of the future!

Stallions of all kinds now came forward; stallions from Brittany, Picardy, Caux, and Boulogne. The heaviest were preferred. The change was so rapid, that, to-day, in many places, there does not remain the slightest trace of genuine Percheron blood. It is a mixture which betrays itself to the eye by coarse forms, foreign to the original type, and in the *morale* by a sensible loss of that generous spirit, and of that indescribable something that we so much admired. Perche would formerly have disowned stock lacking the eastern character; still, their presence is not without instruction. It gives the measure of the great climatic qualities of this province, and proves what it could have done with well-chosen animals.

Such is its force of assimilation, that after nourishing some generations upon its soil, it is able to reform them, and impart that sacred fire, and that build, which can only come from the nourishment of its hills.

The department authorities, unwearied by the slight success of their first attempts, renew their efforts, from year to year, to oppose the progress of this degeneration, and endeavor to combat it by the strongest measures.

The department of Eure and Loir, undeterred by the costly and disastrous failure of the Bonneval breeding

stud, continues still its patriotic work, and keeps up its encouragements, in the form of prizes to stallions and broodmares—encouragements to which Orne and Loir, and Cher, appropriate annually considerable sums.

There was formed, some years ago, at Chateaudun, with the most disinterested and patriotic design, a powerful association of proprietors, known under the name of "*The Horse Association of Perche*," having for its mission the furnishing of good stallions to the farmers.

Trotting matches at Illiers, Courtalain, Vendôme, Montdoubleau, and Mortagne, have been established; but, with all this, a success worthy of such efforts has not yet been obtained, on account of a lack of uniformity in the movement.

Competition at the fairs gives but too often the spectacle of *size* being systematically encouraged; while trotting, in consequence of the speed required, leads to the employment of English cross-breds. Would this operation were well directed! But even then, would this English blood be used in right proportions? I doubt it. When it is used, it is used too much; for, this blood, if it be not employed with extreme reserve, an extreme parsimony, if I may so speak, results in injuring the honest traits and the valuable quality of early maturity; it destroys, in fact, that precocity of the breed, which enables it at an early age to pay for its feed by its labor. The breeders are almost invariably small farmers, and they cannot afford to lose the time necessary to mature fancy horses. they must have quick sales and quick returns.

## PART II.

### OF THE MEANS OF REGENERATING THE PERCHERON HORSE.

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Perche, in order to retain its best customers, and not drop to a level with the common herd of horse-breeders, must at once have recourse to systematic means of improvement. Her breeders have shown a deplorable alacrity in the downward course, which has brought upon them the depreciation in the value of their stock, of which they begin to perceive the effects.

“Facilis descensus Averno;  
Sed revocare gradum,  
Hoc opus, hic labor est!”

Unanimity of will and unity of means are both necessary to accomplish the ascent, and regain the position which the breed has lost. Two measures present themselves as each essential in accomplishing this result. The first step is to restore the disturbed equilibrium by a well-planned and uninterrupted series of crosses, effected within the breed. This would arrest the evil. The second step should be, subsequently, to breed up by improving crosses, practised with a wise and circumspect deliberation. This would be making progress.

At the very outset, and continued parallel with this course of breeding, a *Stud-book* should be instituted, in order that all thus subjected to systematic improvement should be brought together, and thus initiate a general improvement of the breed. The development of these ideas will furnish matter for the following chapters.



## CHAPTER I.

## REGENERATION OF THE PERCHERON BREED.

There are two ways of crossing applicable to any breed, both of which have had their earnest partisans. So much clamor has been made about them, I think, only because they have been simultaneously used and often mingled, and the results have been deranged by their use. This might have been avoided by commencing with the simplest and continuing with the best.

The first may be called the renewal of a breed within itself, or interbreeding; the second, improving by foreign blood. We will pass them rapidly in review, trying to reach in the results the solid basis of truth.



## CHAPTER II.

## REGENERATION OF THE BREED THROUGH ITSELF, OR BY SELECTION.

The first manner, also called *selection*, consists in making, among the race itself, a rational, judicious choice of the most perfect types; those which are as free as possible from the most prominent defects of the breed; those which best recall the primitive type, if it possess the superior qualities which it is required to reproduce; those which, healthy and vigorous, seem to have among themselves the most affinity. This choice ought to be severe and rigorous, nor should we be discouraged by the small number of the elect.

From the issue of this first selection, make a similar choice, and with them and their progeny march perseveringly in the same way, without ever looking to the right or to the left—that is to say, without ever listening to advice which would modify the work commenced, or to praises which might induce the desire for too rapid results. To proceed too fast is perhaps a still greater error than to stop on the way, inasmuch as it often renders a retrograde movement obligatory and reduces to nothing the results of several years of success.

It is indispensable that the selections from which a good progeny is desired should be completely grown—that is to say, the horses should be at least four years past, and the mares fully three years old.

Sell, without remorse, to the trade the least successful types, and most carefully keep the good. The horses, after serving some campaigns in their adult age, can be sold without inconvenience; a few well-proved types are sufficient for a district. But never part with the mares when they are remarkable for their conformation, temper, aptitude to work, and for their qualities as breeders.

Thus, in order to keep the breeders clear of temptations which are always dangerous, and as a good means of guidance, prizes become a question of life or death for the future of the race. It is, in fact, by means of prizes and rewards, liberally distributed for the class of mares of three to ten years inclusively, that they can be kept in the region. It is by awarding the prize at three years, after they have been covered, in paying at first but one-half of the prize and the remainder only after they have foaled and have been again covered, that they can be virtually controlled. After ten years, as they no longer meet with either a good or profitable sale, special encouragement may cease. Moreover, the breeder who during eight years has received in prizes a sum often superior to the money value of his mare, and recognizing that he possesses in her

a brood-mare of merit, will no longer commit the folly of parting with her for a price which would be ridiculous.

There is such extreme delicacy in the manner of distributing these prizes, that I scarcely dare refer to it.

The members of the council-board, who have the appropriation for the prizes, should have naturally and rightfully the honor of awarding them. I would then wish, that in each district (what I am about to say excludes the public fairs, in which a jury, numerous, and consequently never unanimous in opinion, opposes the execution of a uniform idea), the council-board and the council of the district, charged at the same time with the establishment of the *Stud-book*, of which I will speak in a separate chapter, should be willing to accept this mission, which they would perform with the aid of the inspector-general of the Stud-stables. Each year, by their care, the mares of a district would be scrupulously examined and classed for the prize.

These premiums should be granted for eight years, to the best three-year-old fillies, to which this distinction would give the entrance upon the *Stud-book*. In the first year of the establishment of this book, destined to contain the genealogical documents relative to the celebrities of the race, the mares above three years, which have been found worthy to be inscribed, should be likewise given prizes, and this same should be allowed them as a pension up to the age of ten years.

These inducements should be annual, and kept up as long as the prize-mare is kept as a breeder and in proper condition, that is to say, sound of wind, and exempt from the glanders. Other blemishes, the natural consequence of work and age, might be tolerated.

Following the same system and conditions, similar prizes should be awarded to stallions, without paying attention to rewards which they may have received from other quarters. But as the resources of which a depart-



ment disposes, augmented even by private contributions, are not inexhaustible, it is urgent that the prizes, always liberal and remunerative, being from two to four hundred francs for mares, and from four to eight hundred francs for stallions, should be accorded only to specimens of real merit. Quality, when it effects the regeneration of a race, is always preferable to quantity.

It is, especially, necessary to excite earnest breeders by all possible means, to preserve or to buy remarkable Percherons, presenting in their form and character the type of the stallion. And, if the prizes of four to eight hundred francs, of which we have just asked the institution, should not appear to the authorities of the departments a sufficient means to impart the necessary impulse for the complete success of this measure, the departments might themselves buy some remarkable types, and either use them, themselves, in gratuitously serving the finest mares, or in confiding them to good farmers, in whose hands they would be given the prize and used almost for nothing, as long as their health permitted them to be profitably kept. After a certain number of years these stallions might even become the property of their keepers, or they might, from the beginning, be granted them at reduced prices, with the obligation, on the one side, that they should be used with judgment and preserved with care, and on the other side, with the promise of a largely remunerative prize. Love of gain has driven the peasant to strip himself of everything he owned that was good; it now belongs to the authorities, by the incentive of gain, to induce this same peasant to pursue a wiser course.

Oppose as much as possible the use of stallions before fully four years old, and the fillies being put to breeding before reaching their third year. This can only be attained by giving the prize, in the class of fillies, to such as have been served at the age of three years, by stallions of at least four years old.

Crossing by selection has numerous advocates, and from all time, the best-informed, the most practical men, have been unanimous in proclaiming that *blood is only preserved and improved by blood*—that is to say, by selection. It is easy and not expensive, inasmuch as the necessary subjects are always at hand; it is natural, inasmuch as its simplicity is apparent to every mind. And, if it does not bring the rapid results so pleasing to those too eager for profit, it is, at least, always sure. For, without giving at first exceptional results, it never fails in its effects, by reason of the affinity existing between the different individuals, and by reason especially of their perfect conformity with the climate and soil. In fact, this conformity is not an indifferent matter, and it has been found by experience that animals, noted upon their native soil for their sureness in reproducing, and for the invariable transmission of their qualities to their descendants, frequently fail in these respects when imported into another country. Often, several years roll by before they recover that equilibrium of health and that tranquillity of animal functions, which permit them to reproduce in a sure, equal, and fixed manner, without which an improvement in the type cannot take place.

Selection has long been practiced in Perche, and it has there produced for a long time the best results, which were interfered with only by the importation from Picardy, Caux, and Boulogne, of animals of inferior blood.

Among the bovine species, we have curious examples of the value of selection, especially those furnished in Cotentin, where a breed exists the finest, best, and the most sought after in France. Crossing with foreign blood, which fashion, at one date or another, had wished to prescribe, has always been forbidden as a crime in this country. It is thus that the finest herds of La Manche, and especially those of M. Mannoury of Canisy near Saint-Lô have been formed. The success of this breeder began at Ebisey near

Caen, where he commenced a few years ago and where the stock can be easily examined.

A bull of the Cotentin race, the most perfect and best bred that could be found, put to heifers of the same breed, chosen among the finest types, was the starting point officially recorded. Selection, operating upon this progeny, as it had operated in the beginning, was continued without intermission, and, by these means it has produced a herd all the members of which are alike and constantly transmitting identical qualities.

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### CHAPTER III.

#### CONSANGUINITY.

Conjugal consanguinity has neither partisans nor friends. The physiologist, physician, priest, and legislator, have always launched against it the same anathema. All, in making war against it, knew that it was the surest method of establishing a fixed and permanent race; but, all, preoccupied in seeking a means of universal fusion, thought they had found in the prohibition of this a leveler destined to equalize everything.

It was feared that certain families would become too individualized, too marked in their tendencies; and all, without acknowledging it, endeavored to close a way which might lead to the engrossment of fortunes.

Close interbreeding, in the horse, has not the same political inconveniences; this is clearly apparent; but with us, the desire to legislate upon and regulate everything, reducing all to a common level, has prevailed. Equine consanguinity has not, any more than the other, found favor.

One fact, however, strikes any one at the outset who has



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studied the equine races, followed, step by step, their progeny, and made himself acquainted with their performances. This fact is:

If a horse is remarkable over all others in one of the three following ways: personal beauty, high qualities, or sureness of reproduction; go back boldly to his origin, and you will find yourself, at each step, face to face with close interbreeding—that is to say, the reforming of a race by means of itself, the result of great qualities increased by drafts made at the source of a generous blood.

The thoroughbred race in England, which has been formed but with a very limited number of primitive agents, and which, consequently, soon became consanguine, has anew, and at two distinct epochs, absorbed in every degree and repeatedly the blood of two famous groups, represented, the first by *Byerly Turk*, *Darley Arabian*, and *Godolphin Arabian*; the second, by *Matchem*, *Herod*, and *Eclipse*. At the present moment, it maintains itself, thanks to a universal consanguinity, and everything good which exists, by going back inevitably to these sole progenitors, now forms but one and the same family. Magnificent results have come from these alliances, and every day it can be proved that this blood has not degenerated.

It is the same in all breeding countries, and it has been shown, (for proofs see the journal "*La vie à la campagne*", of the 30th November, 1863), that especially in Merlerault, the nursery of the fine French breeds, everything exceptionally good which exists, or which has existed, is the result of consanguinity—that is, "in-and-in breeding."

The following is the conclusion of the author of this note:

These examples (the pedigrees of the best horses), collected with care, will perhaps bring upon me the accusation of being a partisan of in-and-in breeding. In principle, I condemn its absolute use; but, within certain limits, I admit and advise it, especially in the commencement, when it becomes a question of founding and



establishing a family designed to exercise a permanent influence upon the future improvement of a region.

Uniting together vices of conformation, character, and temperament, is rendering them indelible for ever. Uniting quality, beauty, and aptitude, it is preserving the monopoly of these in a single family.

Hence, I would like, when there appeared, on the turf or elsewhere, one of those envied types of which nature is generally so sparing, that judicious attempts, made with patience, should fix the qualities so apt to disappear, and collect, so to speak, all the sources whence they emanate.

The brothers, sisters, and collaterals, should be included, but once only, in these crossings, which might even go back, if it were still time, as far as the grandsires and dams, on account of the resemblance noticed between ancestors and their grandchildren.

Finally, the truly valuable and completely successful results of a family thus strengthened should be coupled according to the rules of intelligent crossing to the equally confirmed representatives of some other excellent family, fit to form new offspring.



## CHAPTER IV.

UGHT THE GRAY COLOR OF THE PERCHERON TO BE  
INFLEXIBLY MAINTAINED?

Formerly I liked the gray horse very much, and have more than once praised this color. But time has dissipated my illusions.

Thus, while acknowledging my former preferences for the gray horse over the horse of a different shade, I am now very far from showing myself exclusive, and quar-

reling with the mass of enlightened persons who seem desirous of adopting the dark colored coats. I only desire one thing, and that is to save the Percheron race, and to preserve to Perche its prosperity and its glory.

If I have liked the gray horse, it was from conviction, and not to court those who saw no safety outside the gray. But when the wisdom and the extreme intelligence of masters of science, preferring a less showy color, demonstrated to me that Perche might find an era of new glory and prosperity in changing the coat of its horse and thus enlarging the circle of consumption, I bowed meekly to their opinion. I liked the gray horse because I thought that Providence had created it gray in order that it might be able to withstand, during its work, the heat of the sun, and not be prostrated under its rays. I liked it gray, as the Arab likes his horse gray and his bournous of a whitish color; as the American planter likes his white cotton suit and his panama; as our soldier, in the field, liked, under the African or Mexican sky, the havelock which protected him against the rays of the burning luminary. I liked it gray because it seemed to me to recall more than any other the Arab, the primitive horse; because Perche having always possessed gray horses, I thought there was much more chance of finding, under this coat, the type of the country; because I had been rocked to sleep to the tune of that old ballad of our ancestors, celebrating Charles de Trie, the Percheron Seigneur, going forth to combat the English at the battle of Poitiers;

“On charger white  
The sire of Trie  
Against the foe  
Has gone to war,” etc. etc.;

because, in a word, during my infancy, I had breathed the dust of the old manuscripts making mention of the white Percheron mares. I liked it gray, because, for the service of the post-coaches and couriers, in their long stages, in the

middle of the night, the gray horse appeared to me more easy to guide than the horse of a dark color. Finally, it has always seemed to me that this coat was more becoming than any other the powerful form of a vigorous worker. Does not a good-looking, stalwart, and honest peasant please you better—is he not infinitely more at ease with the Gallic blouse covering his broad shoulders, than under the dark folds of a fashionable coat, which makes him appear awkward and abashed?

But everything is much changed. The country has no longer any special type in the midst of all this gray amalgamated with Brittany, Picardy, and Caux, of which the equine stock of Perche is now composed. If the Percheron should cease to be bound by this law of gray, if he should become of all shades, at the same time remaining good, and such as Perche knows how to make him, he would cease to be dishonored by those everlasting plagiarists, shamelessly calling themselves Percherons because they happen to be gray and have travelled across the Perche country. If he should become of all shades, in preserving the qualities and movement which are a feature of everything that the tonic grasses and the fine and vivifying air of Perche produces, he would not be reduced to the simple role of furnishing the 6,000 or 7,000 horses that the omnibuses and teamsters each year require, plus the 600 or 700 typical ones that foreign countries demand of Perche. He might, little by little, contribute to the satisfaction of the half-fancy and to the wants of the hunting and army equipages; he might advantageously replace the German horse, which we are obliged to employ in want of a better. Post-coaches no longer existing, there is no longer need of gray horses for the night in the midst of the darkness of the highways. Steam machinery, the indispensable substitute for the lack of human hands in the country, being destined to execute, in part, the labors of agriculture, the horse will be less employed there, and



the one that will be called for, having fewer difficulties to overcome, can be lighter, more *distingué*, faster, and more fit for adaptation to the exigences of trade and fashion.—Finally, Fashion wishing, positively, no more gray horses, and the Percheron finding no longer a sufficient employment in the omnibuses, will soon find himself in a tight place if he do not take a fresh start, and make himself acceptable—if he do not conform to the expectations of the age, and become more stylish and darker colored.

It is settled, then, that he must put upon his back a less showy covering; but he can only do this on condition that he become, thanks to good crossings, more presentable and have a more stylish air. And, really, what is more ridiculous than a vulgar and common beast decked out with the livery of the fancy and private horse!

Let us occupy ourselves, then, seriously in looking up breeding stock of dark coats; the time to do this appears to me to have come. But where will we go to find them? Let us look about us and seek for this in Perche.

If you there find, under a dark coat, a fine Percheron, possessing all the qualities and specialties of the race, make haste, take him and color your horses. Sincerely, I give you this advice. Still, as in the present state of things, it is rare that the fine and the somber are met with together among the working races, by reason of the horror which has been professed, up to the present moment, for everything not gray, the best expedient would be to color the coat by means of fine, dark skin Arabs, or with good, well-chosen Norfolks, a subject that we will treat upon in the chapter of crossings. As to doing it otherwise, it is not to be thought of, the elements not existing in Perche.

This, however, is only a minor matter. The essential point is to unite the heavy to the *distingué*, weight to gait, mildness to vigor, hardiness to energetic temperament,

steadiness and precocity ; in a word, to repeat myself for the hundredth time, add a little more dash and style. Correct the defects of conformation, the imperfections of color, without weakening, without breaking up the harmony of the admirable qualities which have made of the Percheron the first horse of the age.



## CHAPTER V.

PRESERVE PURE, AND WITHOUT INTERMIXTURE, THE  
THREE TYPES OF THE PERCHERON RACE—THE  
LIGHT HORSE, THE DRAFT HORSE, THE  
INTERMEDIATE HORSE.

We have spoken, in Chapter II, Part First, of the three types which the Percheron race presents—the light horse, the draft horse, and the intermediate or post horse. These three breeds come of the soil and are the product of ancient crosses. There is reason for their existing and for their marked peculiarities ; and reason requires, then, that they should be preserved, and, in maintaining them always in their proper functions, we obey, in that progressive spirit which urges us to embellish everything. The first is destined to become the post horse and horse for private use, the surest and most agreeable means of locomotion. The second cannot be replaced for express carting, and for the builders and contractors of Paris and other large towns. To the third, the omnibuses always offer a steady market. Consequently, it is important to keep them without intermixture and to continue them uninterruptedly each in its respective class. Hence in seeking to add weight to a class it is necessary to avoid crossing it with

a ~~new~~ superior in height, and different in conformation and temperament.

The heaviest and strongest of a class, united among themselves, will produce more surely the kind demanded than a too precipitate crossing. Nothing is more risky than crosses made without judgment. It is by them that harmony of form is destroyed, and a degenerate mongrel race is produced as the inevitable consequence. It is then important, in the reunion of types, never to lose sight of equality and similarity of conformation and qualities. But, at the same time, it is necessary to march with the age, study its tendencies, and be always ready to guide a movement which otherwise might drag you in its wake.

We must not lose sight of the fact that the services required of the Percheron horse are not the same as formerly. The omnibus service, especially, which, scarcely ten years ago, was considered the mildest, has, at present, become the hardest, and the one which requires heavy horses, uniting speed with strength.

On the other hand, as a consequence of the great changes in the life and means of conveyance of the wealthy, the Percheron race has been most prominently brought forward. Almost all ranks of the upper classes have now adopted the Percheron horse of the light kind for their private uses, hunts and drives in the country. The fondness for rapid traveling rendering these classes more exacting than formerly, the necessity has arisen of finding in Perche, specimens with weight and speed with a light and stylish form. Accordingly, it becomes necessary to find means of adding the greatest possible speed to the other valuable characteristics of the Percheron horse. To reach this result promptly, we should have recourse to the Arabian stallion, and this, surely, would be the quickest means. But as I do not find this Percheron race, in its present state, sufficiently prepared for this alliance, and as I think that it still needs two or three gen-



erations of preparatory crossings with itself, it will be necessary to commence, in order to attain this end, by close interbreeding.

We should, at first, commence by exploring the Percheron centers devoted exclusively to the rearing of mares, and, in these places, we should particularly visit the localities in which they have no great development as to height. Here we would select a group of from fifteen to twenty fillies, the best, the finest limbed, the most compact, the fastest trotters, and having for an extreme maximum the height of  $15\frac{1}{2}$  to 16 hands.

The same course should be pursued in the regions where the colts are raised, and there choice should be made of some light stallions, approaching, as much as possible, to the mares in form and qualities.

All the best foals, then, should be in their turn subjected to couplings conducted with the same care, and among the third generation would be found types sufficiently confirmed, either as founders of a race among themselves, or for crossing with the Arab, of which we will speak in the following chapter.

If a little larger size be required, it would not be necessary to have recourse to other types than those which I have just indicated. Well-balanced horses favor every modification. More tonic, substantial nourishment, and more fertile meadows would increase the height and weight, as well as the strength and spirit.

Do you desire omnibus horses?—You can obtain them by selecting in the regions which best produce the post-horse, the strongest types, the heaviest bodied, the most favored as to height, and the fastest trotters. But never yield any of these three points: weight, spirit, and speed.

The animals the nearest alike in size and form should then be coupled together, after the manner indicated above, and when weight, spirit, and speed, are found with-

out failing in all the progeny, it will then be time, but not till then, to add style. The Arabian stallion, whose tendency, as we will see later, is to produce heavier and stronger than himself, while at the same time imparting his mark of supreme distinction, might then be introduced to embellish and confirm our good results.

The heavy draft and the express wagon horses should have weight: this is a *sine qua non* condition; but it would be a great mistake to confine ourselves exclusively to mere size. They should possess powerful limbs and muscles, joined to great spirit. This crossing, although the easiest, would also present great dangers should we be satisfied with weight alone; we would soon arrive at the mere lymphatic horse. It is, therefore, urgent, for the breeds possessing requisite strength, to choose those which are the most *distingué*, the most nervous, the finest limbed, and the most spirited, and to avoid the sluggish and lymphatic. These will be found in the elevated and dry centers, where the food is plenty and nutritious.

If Perche proper, Beauce, and the environs of Châteaudun, should not be capable of furnishing their complete contingent in this specialty (as I believe they cannot,) some good specimens could be met with among the Percheron colts raised in the environs of Bernay and on the plains of Sens.

This variety (the draft-horse) demands a great deal less care in the choice of the dams and sires. It is infinitely more elementary, since weight is principally sought after. Still, it is well, even indispensable, to select individuals short coupled and with good quarters, to hold out under the enormous loads they are obliged to draw. The means resorted to to accomplish this are judicious crosses, constantly made with a well-determined and always identical idea, tending to increase weight and strength, while preserving spirit and vigor, abundant nourishment, and breed-

ing in those sections naturally most propitious to style and size. Soon, Perche, placed in a situation without a rival for the present, and, above all, for the future, might forever avoid asking any thing of foreign crossings. For though the choice of the stallion and the mare is so important in the *production* of the foal, the climate, the kind of food, the agricultural habits, and, finally, the adaptation of the region to horse breeding, are of a great deal more importance in the *development* of the animal. It becomes, then, somewhat difficult to indicate accurately to what types, in such particular cases, the preference should be awarded. The best are those which most nearly meet the wants of the section.

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## CHAPTER VI.

### IMPROVEMENT OF THE BREED BY MEANS OF FOREIGN CROSSINGS.

However, if with strength acquired and faults corrected, style is not attained, it may be sought after by judicious crosses with well-chosen foreign types.

Two different breeds present themselves to us as means of improving our stock by the introduction of foreign blood: the Arabian, and the English, with its variations. Starting from this point, let us study both and endeavor to discover, by analogy, which one would best suit, or, rather, which one is the least unfavorable to the purpose.

I will examine, one after another, these two methods in detail, leaving to the cultivator, who is most interested in the question, the choice of employing that which seems to him the best and the most appropriate, taking into view the fertility and the nature of his section. But I



must, from the beginning, lay down as a principle that both are more expensive than is interbreeding. A race to become fit to receive a foreign cross, should be prepared for it in advance, in order to shorten, as much as possible, the distance existing between the breed so formed and proved and that which we seek to create.

In fact, the foreign cross can do no good, unless the desired qualities in the race upon which it is made are permanent, fixed, and characteristic.

Why not think also of increasing our resources by better cultivation, by liberal feeding, by choosing, as I have said above, among the race of the country, the most perfect types and those most likely to correct what is vicious while they impart their own good qualities? Methods of this kind, pursued for a long time and persistently, are alone capable of preparing, without inconvenience, for a foreign cross.

Drain your wet meadows, irrigate your hill-sides, fertilize your soil by the use of improving manures, make productive fields everywhere, create meadows, grow heavy oats, enlarge your stables and make them clean, healthy and airy. When you have done this, then, but not before, you can cross your races with foreign blood, more delicate than yours and accustomed to and requiring greater care and attention.

I know that this slowly progressive manner does not possess the sympathies of those who, at the commencement, are restless at not having already reached the goal. But it is sure and free from errors, whilst the other, (France has but too many examples of this), after money squandered and years wasted, reduces the breeder who has recourse to it to a more miserable condition than that from which he wished to escape.

Our *furia francese*, which renders us irresistible in war, our fancy for new fashions, which gives birth to those wonders which the world hails with ecstasy, and

our proverbial inconstancy, cause us almost always to go astray in breeding. Fashion has no sooner praised horses of such and such a race, of this or that model, or such and such a coat, than we must immediately produce the like, without first ascertaining whether or no our race be prepared for crossing with them. The result of such crosses would be about as valuable as a discussion between a fish-woman and an academician!

Nature, left to herself, is a thousand times more intelligent than the man of systems. Are there ever found, among the wild animals, among lions, tigers, stags, chamois, etc., either spavins, tumors, periodical inflammations, or any of those thousand infirmities with which our domestic horse is afflicted?—And here is the reason: in the rutting season, the possession of the females becomes the incitement to bloody battles. It is always the strongest, the most vigorous, the bravest, the most venturesome, and the best made stallion, which receives as a reward for his victory, the submission and the admiring love of the harem.

But I assume Perche prepared, by numerous and good crossings of the race within itself, to try, with more sureness, foreign crossings. Two principal types, as we have just seen, are presented for this: the Arab type and the English, which is itself derived from the Arab.

The foreign cross I only speak of with diffidence, because with it I enter unknown regions of inductions and perhaps, alas! into ways of deception and ruin, if it is not effected with the greatest prudence and judgment.

Foreign crossings, systematically effected from the north to the south, and from the south to the north, have had Buffon for their apostle, and, under the cloak of his genius, and thanks to the authority of his word, they have reached everywhere. But how enumerate the evils brought about by a school, whose disciples are still numerous, thanks to a perseverance irritated but not deterred by

failure? These evils have been branded in large characters on all our breeds, since that day when they became the objects, not of constant and uniform care, but considered as subjects of no consequence, upon which individuals might experiment in order to test their theories, and set themselves up as teachers.

Since then, we have no more types properly belonging to distinct districts, but a confused assembly, combining with rare qualities the defects of this or that cross and twenty others more. Everywhere in turn, from one region or another, were stallions employed of different types and races: those of the south transported to the north, and those of the north to the south; and that without preparation, and without attention to the differences of soil and climate of the various regions. All these practices have injured our breeds without successfully retaining their own native qualities.

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## CHAPTER VII.

### THE ARAB CROSSING.

I commence with the Arab crossing. Two motives have induced me to follow this classification:

*1st.* The Arabian is the type horse, and the type should be examined before its derivatives.

*2nd.* The Percheron shows a very great analogy, by his coat, conformation, character of race, mild disposition, and endurance, to the Arab, of which he seems to be the son, notwithstanding certain differences, the result of time, climate, and the region in which he is bred and in which he lives.

I have said that the Percheron horse exhibits in com-



mon with the Arab numerous marks of a common parentage and relationship: these marks are very obvious. A Percheron, a true Percheron, for some still exist, (as the famous *Toulouse* of M. Chéradame, of Ecouché; and the renowned *Jean-le-Blanc* of M. Miard, of Villers, near Sap, in the department of the Orne, etc., etc.,) placed alongside of an Arab, presents, notwithstanding his heavier and grosser form, analogies with him so striking that we are easily induced to believe them undoubted relations.

The Percheron of the primitive type has a gray coat like the Arab; and like him an abundant and silky mane, a fine skin, and a large, prominent, and expressive eye; a broad forehead, dilated nostrils, and a full and deep chest, although, the girth, with him, as with the Arab, is always lacking in fullness; more bony and leaner limbs, and less covered with hair than those of other draft-horse families.

He has not, it is true, the fine haunch and fine form of the shoulder, nor that swan-like neck which distinguishes the Arab; but it must not be forgotten that for ages he has been employed for draft purposes, and these habits have imparted to his bony frame an anatomical structure, a combination of levers adapted to the work he is called upon to perform. He has not, I again acknowledge, such a fine skin as the Arab, nor his prettily rounded, oval, and small foot; but we must remember the fact that he lives under a cold climate, upon elevated plains, where nature gives him for a covering a thicker skin and a warmer coat, and that he has been for ages stepping upon a moist, clayey soil.

In all that remains in him, we recognize a heavy Arab, modified and remodeled by climate and peculiar circumstances. He has remained mild and laborious, like his sire; he is brought up, like him, in the midst of the family, and, like him, he possesses in a very high degree the faculty of easy acclimation. He acquires this in the midst

of the numerous migrations he accomplishes in Perche, the counterpart of those that the type horse makes upon the sands of the desert. A final comparison, which has not, as yet, been sufficiently noticed, is, that, like the Arab, he has no need of being mutilated in order to be trained, managed and kept without danger. In a word, the Percheron, notwithstanding the ages which separate them, presents an affinity as close as possible with the primitive horse, which is the Arab.

From this similarity of form and probable relationship, comes the thought of new alliances. But in order to form a more easy estimate of their effects, it will not be without interest to classify the horses with reference to their origin. This classification produces three very distinct groups: the primitive horse, the natural horse, and the compound horse.

The *Primitive Horse*, oriental in its origin, is the pure Arabian horse; no other is acknowledged.

During the time of the crusaders, as we have already said in our first part, in consequence of wars and all kinds of excursions, individuals of this race were spread over almost all parts of the globe. Although at first the prestige which their superior merits deserved led to their being bred in-and-in, these exiles were placed under different latitudes, in different atmospheric and hygienic conditions, which gradually modified their qualities and led to the degeneracy of the race. And it became more or less degenerate in proportion as the soil upon which the colts were foaled was colder, poorer, and more inhospitable; *for the horse is as much, and more, the son of the soil upon which he is foaled and reared as he is of his sire and dam.*

This fact has no need of proof. We see it every day before our eyes in studying at home the changes that our French breeds themselves undergo when transported from one province to another. It might, however, be thought

that these new latitudes, these new regions, would differ but little from those in which they lived.

The first change that the primitive horse undergoes, from the difference of the regions into which he has been transplanted, being due to nature itself, we call the result the *Natural Horse*.—Here it is proper to remark how wise nature always is. If it modify the primitive horse for the worse, it modifies him, however, under conditions better adapted to his wants. In rendering him more puny, it renders him more temperate, and enables him to live and to nourish himself upon the food that the locality is able to furnish. Submitted to the trials and the fatigues of war, and to all the miseries in its train, the natural horse, badly built, ungainly and puny as he is, endures fatigue almost as well as the primitive horse.

The *Cross-bred Horse* is, as his name indicates, the issue of a sire and dam of different breeds. This crossing, made with a view to improvement, may give, when judicious, more elegant, better made, and finer-bodied progeny and also quicker in their various gaits, but always requiring, especially if derived from the English, exceptional care, and so much the more particular as they are of a more *distingué* nature.

Abandoned to himself, deprived of blankets, shelter, grooming, and oats, the cross-bred deteriorates early, and in war perishes miserably, while the natural and the primitive horse thrives in browsing upon the scantiest herbage. On this score, our two campaigns of the Crimea and Italy have furnished unquestionable proofs.

Such is the result chiefly obtained with the too *distingué* English horse, even when delivered to the best working mares. In the army, especially, is this point settled; they have there recognized and proved that the worst subjects were always the issue of authors having too much blood and too impressionable. No horses are more apt than these to provoke and render ill humored,



and, if I may so speak, ruin the temper of the men placed over them.

When a working race is crossed with the English, it is indispensable that the stallion should be well bred and be but a quarter blood,—a quarter at the utmost. And the manner of balancing the blood is neither an indifferent thing nor a thing to be neglected. We should be very careful not to accept as such the product of a full-blooded or even half-blooded stallion and a common mare, but should rather take the product, ameliorated through generations, of strong races that have been gradually perfected, such as, for instance, certain Norfolk horses, certain roadsters and trotters, of which old *Jaggard* was a type, and of which *Performer*, although not so marked, vaguely recalled the memory.

Since I have mentioned the name of Norfolk, let me say, that after the Arab race, of all the foreign ones, the Norfolk trotter is the one which seems to me to offer the greatest advantages in an alliance with the Percheron. With both, good qualities and defects are diverse, so that they can complete and correct each other by means of a wisely combined and carefully studied connection.

The Norfolk horse has, it is true, an ugly head, and his eye is small and destitute of expression; but his neck, with good lines, starts well from his breast; his shoulder is fine and well-sloped; his chest magnificent, and his girth enormous; his loins broad, well-sustained and well-attached; his haunches long, his croup horizontal; his buttocks well filled out and low; and his limbs strong, but not quite free enough from fat; nor is his action always sufficiently stylish, yet he has a quick and free gait.

Give to this horse a mare having a fine and expressive head, lighted up with a large, intelligent, well-opened eye; let her possess lean, elegant, and perfect limbs, and, a hundred to one, you will get a valuable colt. But, with the Norfolk, as with all others, there are degrees and

if I cross the Channel in search of a stock horse, I should wish him to possess the following qualities:

This stallion should be rather large, have thick and strong limbs, chest fully developed, the girth as great as possible, very heavy in the hind-quarters, buttocks descending well, forehead broad and open, and the eye large and expressive. He should be always shorter in height than the mares, but quite as broad, and, I repeat it, as short-limbed as possible, on account of an invariable, innate tendency of the English horse to height and thinness. He should be neither cross, nor, above all, affected with that nervous sensitiveness too common in the English breeds. His action should be quick, well kept up, bold and square. He should have, if possible, a decided and well-pronounced color, either a dark bay or a chestnut. Breeding stock of his get should be chosen under identical conditions, and then they would be on a footing with him, although, logically speaking, there would be always an inclination to prefer the type to the sub-type.

But, at present, it is easy to be deceived, even in England, in regard to the stock of the country. There is less risk in using, if he can be found, a good, heavy Anglo-Norman horse, bred and reared under our eyes in Merlerault or on the plains of Alençon, than a spurious English one, which is often none other than a forlorn hope of some nameless region. In fact, from certain appearances, there is reason to fear that persons from the other side of the Channel visit the continent to do a smart thing, and purchase heavy, lymphatic colts to bring up on some English farm, and then resell them as Norfolk horses. What kind of improvement is to be expected from such means? We should always respect the will of nature, which allows us to assist her in her course, but we should never violate her laws.

Man vainly wishes to force nature with all these crosses, at which she takes exceptions. To all this so-called

science she opposes her relentless logic; these products are an unnatural brood, which she refuses to acknowledge as her own. She stops short, and, no matter how good these results may appear in themselves, the error crops out, and it is known by experience that they almost all fail when put to the test of breeding.

But suppose every measure of prudence taken, even suppose there has been no mistake, most of the produce resulting from this first crossing will be, generally, lighter built than their dams. However, among the number there will be found some which, uniting weight to beauty, will constitute good types with athletic and regular forms. The latter only should be preserved, and these only can be usefully employed, either among themselves or outside of their own families, in the improvement of our stock.

At the second crossing, the imperfections observed at the first will disappear in a great measure, and from the third crossing, with constant care, unflinching attention, and unwearied patience, the difficult problem will be solved: size combined with vigor, hardiness of constitution with style, and weight with elegance.

If, on the contrary, by wishing to make too quick progress, there should be too much difference between the stallion and the mare, the resulting stock, although in appearance successful, will always prove bad breeders, giving ungainly results, with blemishes which would never have occurred in proceeding wisely, especially not in improving by means of *the primitive horse*, all of whose ancestors are of the same race.

This latter crossing, that is, with the Arab, may sometimes give slower, but with it we are always sure to obtain finally better results. Thus in making choice of the best Percheron mares and crossing them with fine, but the stoutest possible, Arabs, we would advance towards certain improvements, and at the end of a few generations, we would be sure to find at each foaling season fine types,



combining with the strength and docility of the dams the style, spirit, and intelligence, of the sires. For, it must not be forgotten, work requires intelligent horses; the more they are gifted with this quality, the longer they last and the more useful their services.

If the drunken driver of the Lyons Railroad, whose adventure is known the world over, had not had for his working companion a brute as nobly intelligent as the old horse *Lapin*, employed in hauling dirt carts, he would surely have perished. The driver having fallen in a state of intoxication on the railroad, before a train descending a grade, was on the point of being run over, when the horse, seeing him in this perilous situation and at the risk of being himself crushed, seized him by the waist and lifted him off the track. This deed, performed under the eyes of several squads of workmen, was soon known over the whole line, and won for *Lapin* the title of *The (invalid's and workmen's) Adopted Son*, a nobly gained title and well-merited reward, if ever there was one.

In the legends of all times are to be found examples of the intelligence of the oriental horse; but I have never heard quoted a single one in regard to the English thoroughbred, which seems only formed for pride, gluttony, and brutality. As an example of the sagacity of the Arab, I will limit myself to mentioning a fact witnessed by all the officers of the school of Saumur. At this school there was an old Arabian known to the whole army. One day, a lady having her handkerchief scented with, I know not what perfume, passed in front of the veteran, caressing and feeding him with dainties. From that time on, the officer who accompanied the lady could never enter her parlor, although the odor of the perfume was imperceptible to all, but the horse, on his return, was aware of the fact, and bore witness to it, each time, by neighing and by a hundred expressions of pleasure.

The vigor and pluck of the oriental horse have passed

into a proverb. There is not a soldier in our army who cannot bear testimony to this.

The horses of the English cavalry almost all perished in the Crimean war, whilst our Algerian horses almost all returned. In the Italian war our Algerian horses bore well the fatigues of the campaign, where the horses springing from the English were decimated.

It appears impossible that these two proofs should have no signification and should not teach a lesson. Ought it not to be concluded from them that the war-horse, that is the horse for endurance, should only be of Arab blood or at least derived from the Arab?

And are we not justified in believing that what has taken place with the war-horse applies also to other horses destined for continuous work? Hence are we not right in always preferring the Arab to the English stallion, when it is a question of improving the different breeds of work and draft-horses, as well as the war horse?

The Arabian stallion would seem so much the more fit for this use, as a long experience has proved that his get upon our native mares are much heavier than himself; they, at the same time, always transmitting a rich, unblemished blood and a solid frame—qualities which are preserved indefinitely.

The Arab horse imparts, also, great endurance to his progeny, and without going back as far as the turf, where we see figuring on the top round of the ladder *Arlequin*, *Zephyr*, *Valencia*, *Corysandre* the Lorraine, whose dam was an Arabian of *Deux-Ponts*, *Anthony*, *Eylau*, *Kasbas*, and *Palmyre*, let us be satisfied with citing in mass, all the fine and spirited breeds of Limousin, Navarre, Bigorre, Tarbes, and Auvergne, showing in every pore the presence of the Oriental blood.

It is also especially to be remarked, although the Arab does not trot and only gallops, that all his get are quick, square trotters. We can produce numberless examples

of this, although Arab blood has been infinitely less disseminated than any other in our Northern districts.

We can cite the famous *Eclipse* of M. de Narbonne, the no less famous *Herminie* of M. Forcinal, all the descendants of *Bacha*, *Aslan* and *Gallipoli*, which were matchless; and the noble sons of *Massoud*, *Eylau*, and *Noteur*. But, as all these have a certain amount of English blood joined to the Arab, we shall be answered:—It was the English blood that trotted and gave them their winning points.—We will confine ourselves to citing only the sons of *Bédouin*, all admirable trotters, though all coming of poor Brittany mares, the *Kerims*, the *Avisos*, and the *Moggys*, whose fine action invariably attracts the attention of every one.

But the endurance possessed by the Arab in so eminent a degree is not the only quality to be considered. It is also the opinion of the best breeders that the race is good tempered, docile, patient, of great precocity, and easily raised, all of which qualities it invariably transmits to its get.

No steeple-chase horses have shown themselves more intelligent than *Pledge*, *Raphael*, *Senora*, and above all the immortal *Franc-Picard*, by whom the best riders found themselves excelled in the art of measuring an obstacle and mastering it skillfully; also, these were deep in the Arab blood. If *Auricula*, notwithstanding he was a son of *Baron*, with his variable and peevish temper has shown himself to be, when he chose, one of the best leapers of our age, it is because through his dam he is of Arab blood.

From all these considerations the Arabian seems greatly preferable to the English horse, which exacts, moreover, too much tact and skill on the part of man. The education of the wagon driver is not yet sufficiently advanced for him to be able to reap all the advantages claimed of the working races. The irritability of the English horse, his impatience, and his nervousness, which are, doubtless,



of utility on the turf, are transmitted to all his descendants, which for this very reason are less fit for work, less governable, and more trying to the patience of the raw and ignorant driver during protracted service.

All who have raised colts out of common mares by Arabians are unanimous in opinion, and we have ourselves proved it, that their get is generally even tempered, of a mild, willing, and quiet disposition, easily and cheaply reared, and fit for work at three years old, thus paying for their keep.

It is quite the contrary with the colt of English blood. He, by reason of his fractiousness, his nervous ardor, his exacting nature, and his slow growth, requires a degree of care and management which does not permit him to render any essential service before the age of five years.

It results from this that the Arabian progeny, even at the first crossing, which is always the most difficult and critical, pays for its nourishment from the age of three years, whilst the English does not pay until he has reached five years, and this without counting the greater expense of his raising and the difficulty of finding men capable of breaking and training him without accident and bringing him safe to that quinquennial period.

Were their qualities the same, the Arabian would cost much less to the breeder than the English horse. To the former, then, should always be given the preference in moderately rich countries where agriculture has not arrived at great perfection. Thus it was by means of the Arabian that Limousin, Navarre, Bigorre, the plains of Tarbes and Auvergne, all countries neither very fertile nor wealthy, have formed their unrivalled horses, the hardness of which suited the productions of the soil. These being unsuited to the more delicate and less vigorous English horse, its introduction was an injury to the native stock. In our days, Limousin has been ruined by the introduction of English blood, as formerly, in the district

of Tarbes, three important breeders, Messrs. de Gontaut, de Bouillac, and de Montréal, ruined their studs with the English cross.

The Arabian can be used without fear upon the undulating slopes of elevated hills, and upon thin stony lands where agriculture is but little advanced; but the English horse requires rich, well-cultivated meadows and grassy valleys.

As regards form, the Arab cross is the surest. The sire being, if I may so speak, *sui generis*, of a confirmed race, and possessing for ages a like shape, his get always resemble him, no matter what may be the race, color, shape, and derivation, of the dam. Only, in consequence of the warmth and strength of his blood, the progeny is always larger and heavier than the sire.

It is not so with the English horse. Made up, and not having the same confirmed nature as the Arab, he has not the same sureness in generating. Sometimes his get is large and sometimes small. His progeny may be spare or may be stout. This comes from his ancestors being at times of one height and at times of another, and often resembling different types.

We have dwelt, perhaps, at too great length upon our preference for the Arab cross; it now remains to put it in practice. The method to be pursued in making this cross is simple.

Having an Arabian of pure race, the heaviest and finest bodied that can be found, put him to the heaviest and strongest short-limbed mares. Sell the male produce of this cross, unless it has been a perfect success. Be less strict with the fillies, reject a smaller number, and use the good for breeding. As much as their conformation will permit, and in order to fix the Arab blood in a deeper and more indelible manner, some choice specimens may be put either to their sire himself, or to such of the half-brothers as should have proved themselves the best. But beyond the first trial,

consanguineous crossings should never again be contracted, except under exceedingly rare circumstances, or under great temptation. The dam of one of the most justly celebrated horses of our times is the result of breeding a stallion to his dam. From and after the second generation, colts and fillies, provided their merit had rendered them worthy of being used as producers, might be taken as types, and as a starting point of a solid and sure improvement of the race of a country.

When, in consequence of age and numerous generations of his own get growing up around him, the common sire might be exposed to alliances with his grand-children, it would become indispensable to transfer him to a distant district by proceeding in the manner indicated above.

After such an infusion of warm blood many years might elapse without the necessity of recurring again to Arabian stock. But if it should be remarked that its distinctive characteristics commenced to disappear from the breed, and the action became less free and light, it should be again resorted to immediately, following the same method as before.

The light draft types at first obtained, might, according to the districts in which they are raised, be transformed into the posting, omnibus, and even heavy draft types. But all should be done with time and without haste nor even *wishing* to depart from a wise and prudent moderation.

I cannot terminate this chapter without warning the breeder against a peculiarity which hardly ever fails to strike a person, who, for the first time, makes a trial of the Arab cross, and which has even induced some to abandon this method without reaping its fruits. I desire to speak of a certain disproportion, more apparent than real, of the limbs with the body. It is thus explained: The Arabian, born and raised in a poor and barren country, is no sooner transported to a more fertile region, than a certain fullness of the body is an immediate consequence of this change.



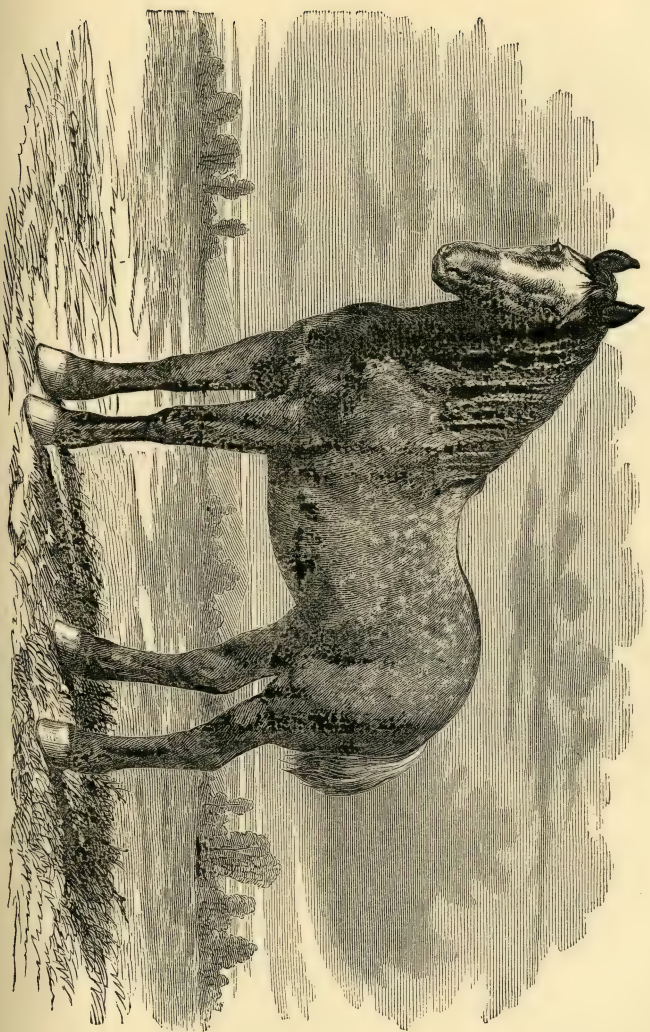
His progeny, easily fattened, rapidly become corpulent. It results from this, that although strongly limbed, they appear, for a large body, to have but weak extremities. But have patience; oats will draw in and strengthen those inflated flanks, and, after the second generation, the stomach of the colt will enlarge on account of the food being more abundant than concentrated, the fat will disappear, and his compact and solid limbs will appear what they really are.



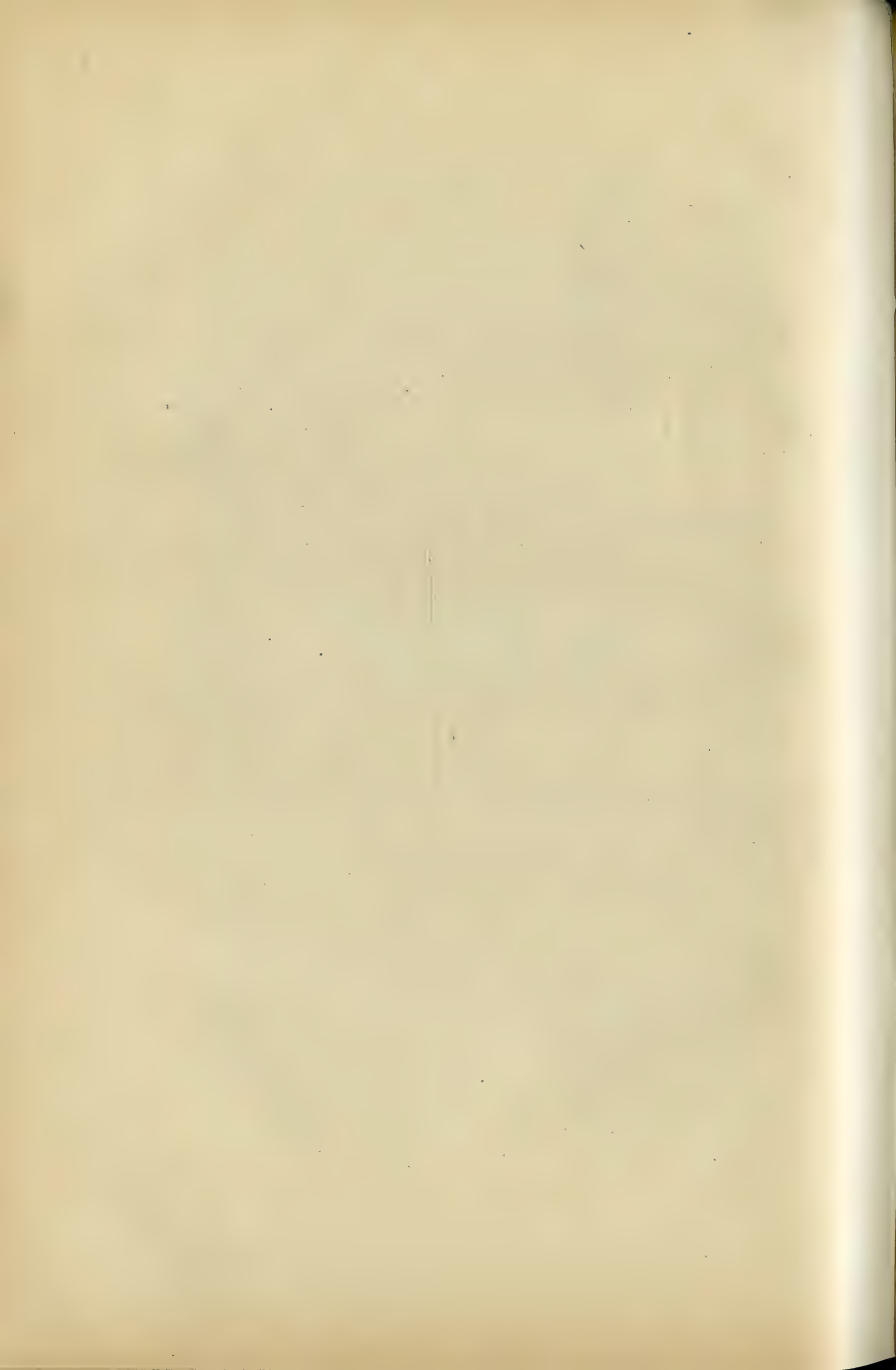
## CHAPTER VIII.

### THE ENGLISH CROSS.

English blood, infused with judgment, allies well with the Percheron race, and we have met with perfectly successful results in the midst of the disappointments which have been the consequences of injudicious crossing. Too often these crossings have been effected in violation of common sense, without any attention to the distance which separates the blood horse from the common, low-bred Percheron mare, she having no affinity with him. But these trials require science, wealth, and perseverance, and are far from being within the reach of ordinary breeders. Those who would succeed must possess the talent of waiting, for unfortunately the rearing of the resulting progeny is a burden. Their slow development renders them but little fit for the labors to which the farmer is in the habit of consigning his colts. Then, they cannot, like the young Percheron, pass from hand to hand, and thus they find themselves stripped of the only advantage which renders the raising of the draft colts so profitable: avoiding embarrassment and affording a prompt profit to



PRINCE IMPERIAL.—FRENCH NORMAN.





all through whose hands they pass. In fact, it can easily be conceived how favorably, at present, are these chances of profit distributed among several hands. The capital invested is soon returned; and thus this operation is within the reach of all purses.

The issue of English blood, if judiciously managed, will some day be finer than the unimproved Percheron. But, although carefully looked after and abundantly fed, he will remain puny during his early growth, and therefore his account can only be closed at a distant date. By whom, then, is he to be raised? By the farmer rich in ready money? In every country such men are rare. By the large landed proprietor? But he is not a breeder, or if he be, it is only of race-horses.

Some half-blood English stallions noted for strength and weight, standing at Mesle-sur-Sarthe, Courtomer, and Nogent-le-Rotrou, have produced fine coach and draft-horses, but their number has always been rather limited, and they have nearly all been raised without care, like the half-blood colt simply at pasture; consequently, the profit accruing has been nothing, or nearly nothing, and these have been able to add nothing useful in the way of example and imitation.

On the contrary, in Lower Perche, commencing at Nogent and extending as far as Vendôme, the draft-horse, properly speaking, is the only one that has been raised. The wagon-horse is there only met with as an exception, and the cultivator is far from being the worse off on this account. Witness the prosperity of Montdoubleau, which has become the first market of Europe; witness the splendid and spirited trotting mares it produces every year, and of which the *Julies* of M. Derré and the *Sarahs* of M. Lamoureux are glorious specimens.

Perche has seen but twice, to our knowledge, good and irrefutable results obtained from the English crossing with her race—the first, with *Sandy*; the second, with *Bay-*

*ard.* *Sandy* was a draft stallion, with a long and silky mane, a perfectly white coat, and with a high and graceful gait like that of an oriental horse; lean and strong legs, a short head, dilated nostrils, and a large and intelligent eye. Although foaled in England, this horse was evidently not English; he must have come of eastern blood, as this is so often seen among our neighbors who successfully use the Arab blood in the formation of their draft and hunting races.

As for *Bayard*, he was a son of a Percheron mare belonging to M. Viel, of Chiffreville, near Argenton, one of the finest and purest ever seen. This mare had been bred to *Idalis*, a small and well-knit wagon-horse, son of *Don Quichotte*, who descended from the thoroughbred brood-mare *Moina*. Consequently, *Bayard* had in his veins some of the best oriental blood, and it is to this circumstance that is attributed the vigor, gait, and beauty, of all his progeny.

Perhaps the two stallions *Benvenuto* and *Fandango*, which passed for Anglo-Percherons, and which have been cited as types of draft-horse stallions, will be held up to me as a refutation. *Benvenuto*, the stallion from Pin, which has produced well in Perche, was not the son of *Eastham* and a Percheron mare, as was said at the time in order to have him accepted by the government, but was really out of a Percheron mare by a Percheron stallion coming from the neighborhood of Bellesme, and the descendant of Arabian stallions which had been standing in that district.

*Fundango*, the other crossed Percheron, uniformly a successful stallion, had double cross, on the sire's side, of the blood of the Arabian *Dagout*, and his dam, whose pedigree has also been explained to me, came likewise from near *Bellesme*.

A Percheron stallion called *Jean-le-Blanc*, native of Mauves, and sold about the year 1825 to a M. Viard of

Villers, in Ouche, near Sap, (department of the Orne,) has been the sole improving agent of the equine race in Ouche, which, up to that time, was reduced to miserable small horses without any stamp or value. Although heavy, powerful, and, indeed, a shaft-horse, his gait and an indescribable something pervading his whole body, recalled so thoroughly the idea of the oriental family that one was disposed to take him for an enlarged Arabian. This fact, often related to us, excited our curiosity. We did not rest until pressing inquiry upon inquiry, one after another, we ascertained that his family had been crossed with a stallion from the Pin stables, standing at the Chateau of Cômesmes, near Bellesme. And, what was this stallion? The Arab *Gallipoli*!

What can be inferred from these facts, if it be not that the crossings which have best succeeded in Perche have been those of the Arab, and that the English crosses have only succeeded when tempered by contact with the Arab?

But if the absolute want of stallions for improving the breed be felt among the pure Percherons; if it be impossible to procure either good Arabs or heavy English, freshly tempered with Arab blood; if important and powerful considerations compel a recourse to the English cross, the latter should only be accepted intelligently and under good and wise conditions. Therefore we ask leave to refer the reader particularly to what we have already advanced in the preceding chapter upon the choice of an English stallion.

In Brittany, in the department of Finisterre, we have often heard it declared by quite a large number of breeders, that for having wished to proceed too fast in that way, they had, from the commencement, experienced numberless disappointments, the second generation from the English cross being always inferior to the first. From stout sires and dams, who, from their general appearance might be classed in the category of heavy-draft, there



daily came ungainly stock, thin, lanky, leggy, and without weight in the hind-quarter, unattractive, of a difficult sale when young, and proving a veritable misfortune to the small farmer counting upon the sale of the colt to pay his rent and having neither the place nor means to raise him. This stock was, moreover, the object of another disappointment quite as serious as the first; rarely was a good worker to be found among this burdensome race.

Is not this tall, lank, weak,—in a word this abortive progeny,—issue of strong and hardy parents, a strange and discouraging result? “Oh! why is this?” exclaimed the Brittany cultivators. There was a simple reason for it, of which they had not learned the value. They proceeded with race-horse speed in the way of crossing, and gave no oats. They were ignorant of the requirements of the *distingué* horse; they did not know that in the sire and dam, or at least in one of them, there was circulating more or less English blood, which produces strange results in proportion as it leaves its native place and reaches a poor country or one of hard work, and in which it no longer receives the prodigal care of its native land.

We have said that the Arab preserves indefinitely his warm blood and constantly gives what he has not even himself,—although this truth resembles a paradox,—that is: a powerful appearance and a strong frame. It is not the same with the English horse and his derivatives; they become thin and always degenerate. If their progeny be not fed with oats without stint,—they require this, and are heavy eaters, like everything which comes from the north,—their blood grows poorer rapidly. In successive generations of these families, born in a dull and damp atmosphere scarcely ever visited by the sun, the legs become lean and lanky. It is necessary to recur incessantly to new drafts of English upon English, always expensive and requiring additional care, without taking into account that the result of too great an infusion of this peevish and

often irascible blood would be to destroy the heavy-draft race—a race that I would like to see preserved intact alongside of the two others, though he be not quite suited to a country as hilly as Perche. He might, doubtless, plow successfully the vast and smooth plains of Beauce; but this is not the lot of all. I look for him in that busy country called Perche, where he must, without rest or pity, with a shoulder free from all tenderness, drag heavy vehicles to the tops of hills, and it will please me to see the play of his haunches and limbs in descending with these loads bravely and without flinching to the bottom of the valleys.

Do you expect, also, from a horse derived from English blood that cool, restrained, and ever fresh energy, that courageous patience of which the Percheron, every day, gives an example in the omnibuses of the streets of Paris? Dragging at a trot heavy loads, the weight of which frightens the imagination; stopping short, both in ascending or descending; starting off freely and always without balking; never sulking at his work or food, and fearing neither heat nor cold: this is a specimen of Percheron qualities.

Do you expect from an unjudicious cross with English blood a good, heavy draft-horse, a good shaft-horse, or a true wagon-horse? No one has now any illusion on this score.

In London, a traction of only about 2,000 lbs. is required of a draft-horse. In Paris, the horses harnessed to the heavy stone carts are required to drag as much as 5,000 lbs. each, and often even more.

What will dealers in heavy draft-horses do? The trade is already taxed to supply the demand. For long experience has taught, and unjudicious crosses have proved the English horse and his derivatives to be unfit for this purpose, for they are too nervous and not sufficiently staunch. Thus, the trade avoids them by instinct,

and by instinct avoids every thing resembling them. And, on the other hand, it seizes hold of and clings eagerly to every indication that can serve it as a sign or mark—every thing that can guide it in the search for what it likes, and every thing that can guard against its opposite.

Hence, it repels and proscribes the dark-colored coats without examination and reflection, because they are considered the colors of the English horse; it accepts the grays with confidence, because with them it perceives the absence of the dreaded blood, and in them it has found that which satisfies all its wants. Would we have arrived at this point if we had been prudent, and had the cross-breeding been better understood?

Finally, what is there at the end of this negative pole and this positive pole? There is the Percheron on whom has devolved, and will devolve for a long time yet, the rude and killing mission of executing the feats of strength exacted of him by modern civilization. The profits in supplying the demand, accrue, and will accrue for a long time to the producer.

Thus so long as machinery does not replace the horse in the traction of heavy carriages, so long as the necessity for hard labor remains, requiring strength, intelligence, endurance, and willingness, so long to the Percheron alone will be reserved the dangerous honor of being the great draft power, and the price of this matchless agent will increase in proportion to the growing impossibility of finding his substitute.

It is now the time, while crossing the active and trotting breeds with the Arab or with the well-chosen English horse, to carefully preserve the heavy draft-horse, and, by means of persevering and judicious crossing, retain for him his marked superiority.

These crossings, which I will sum up in concluding, may find a powerful aid in the creation of a Stud-book of the Percheron breed.



## CHAPTER IX.

## IMPROVEMENT BY MEANS OF THE STUD-BOOK.

The Percheron breed is old enough, is propagated with sufficient uniformity, and presents sufficiently marked typical qualities to authorize us in claiming, in favor of its members, the characteristics and the title of a separate and distinct breed. Consequently, a Stud-book, recording its pedigrees, would not be out of place. This book would have the effect of concentrating the efforts of all the breeders, giving them a definite direction, and at the same time it would designate stallions foreign to the race, and which, up to the present time, have been presented with impunity as Percherons.

England exhibits a curious example of the influence of the Stud-book in the improvement of a breed. The equine and bovine races of that country, before the establishment of the Stud and Herd-books, were but rudimental.

The small number of colts of the Royal mares by Eastern stallions would have been lost had they not been classed together in families in a special book.

The discovery of the value of the bull *Hubback* would have been to no purpose had his descendants not been classified by themselves in an authentic manner.

For it is especially, and only, in the reproduction by family that a breed is formed. Consanguinity alone can form, in the beginning, a bond of cohesion and connection among the descendants of the primitive families. By it, alone, they acquire that great similarity of shape and adaptation to particular ends, that great ancestral power, which they transmit to their posterity, and which, even in a commercial point of view, gives them a superior value.

If it be permitted me for this purpose to select an example within our reach among the bovine races, I would

say that, in Nivernais the celebrated Charollaise breed of cattle, only a few years ago, was diffuse, without uniformity, and without commercial value. The idea of classifying it by means of a Herd-book was no sooner put in practice than good crossings, being all made with system, no longer lost their significance. The breed has visibly improved, and, at present, it has acquired a value which gives it a rank immediately after the Cotentin.

The Stud-book might be established, as we have indicated above, by inscribing therein all the stallions and mares which had received prizes for years back, continuing this operation for a dozen years to come, and adding therein also the animals which had not taken prizes or had not been shown in the fairs, but which public attention had classed among the number of types valuable on account of the beauty and sureness of their reproduction.

Parallel to the mode of improvement which I have already shown, (Chapter 1st, Part Second), and which has as its agents the members of the Council-boards and the district members of each canton, there might be formed, as a means of embracing all, a great annual Department Fair, to be held alternately in the best towns of Perche at the time of the fairs which attract the most people; in Orne, at Mortagne and Alençon; at Chartres, Nogent-le-Rotrou, and Chateaudun, for Eure and Loir; at Vendôme and Montdoubleau for the department of Loir and Cher. The departments of the Cote-d'Or, Nièvre, and Yonne, which possess the best Percheron stallions, might likewise enter into the association of the Percheron Stud-book, for which they have all the elements.

This book would give increased value to the breed, as is easily understood, for it is the surest of all the means of improvement and perpetuation of valuable qualities. It would drive off, forever, the defective stallions, and those corrupted with hereditary blemishes, as well as those coming from tainted families, which, I feel sure, would be

refused a record in its pages. The prices of colts would likewise gain by this measure, the effect being a powerful impulse given to breeding. But it would be necessary to be very careful about ever admitting any foreign blood, in order that the recorded herds might accumulate more and more an ancestral force.

The Stud-book would offer still another advantage, that of permitting us to find again the good types, should Perche some day, in consequence of bad crossings, or from want of judgment, deviate from the true way. In fact, desire of gaining too much and of enjoying too fast at present tempts every body into innovations. Our age, so eager to enjoy, and so quick in all enterprises, has no longer the patience to wait for the improvements that time and study can alone confirm and solidly establish. It wants things off-hand, and for this it is often satisfied with adulterated products; hence, these injudicious crossings; hence, this mania for mixing together without discernment—a mania which threatens to destroy our valuable national breeds.

In the midst of all this, the opposition of the army, of the government stud-stables, and of the trade in heavy horses, bring forth new complications. The army, neither occupied in breeding nor raising, and naturally remaining beyond the consequences it causes, encourages these crossings, obtaining thereby, more rapidly, the horses it needs. But how many of the horses bred by these means are not only unfit for army service, but also unfit for any service! Indeed, with a blood stallion and a common mare, if at the first crossing, among the thin-flanked, imperfect ones, there happen to be a passable horse, good, and with a certain degree of style, ordinarily all progress ends there. For, by the use of the latter as a reproducer, an animal ungainly and without value will most certainly be the result, except by chance. The races of the south affiliate with the Arab, and those of the north with the English;



but the English, by the infusion of his blood, destroys the race of the south. This mode of crossing tends, then, to cause our old French races to disappear.

At the government studs, with elevated views, and with a disinterestedness to which all delight in rendering full justice and homage, they constantly encourage the crossings in which they see the realization of their views. They offer rewards, the most powerful of all incentives—giving but very modest prizes to the heavy horses, proscribing the light coats, and reserving their encouragement for the light horses of dark colors.

As for the trade, it adopts but slightly the views of the army and the government stables, and it gives its money to what has remained outside of these impulses.

With the Stud-book we will be able, without giving offence, to satisfy the army, the stud-stables, and the trade—the army and the stud-stables, which want the light, stylish, dark-skinned horse; the trade—omnibuses, consumption of the large cities, and agriculture—which require weight, vigor, action, honesty, docility, and endurance.

The Stud-book will furnish the means of finding types fit for all services. But the breeders will divide themselves into two opposite parties. Those who wish the dark-skinned, light horse, will breed him on the uplands and in the more barren districts. The others, in the rich, fertile, and abundant meadows, with a more nutritious food, will apply themselves to the opposite type.

Each will work in his own sphere; the profits, losses, successes, and failures, will soon be summed up, and will soon become, on both sides, the object of minute comparisons. If the light horse produce the most profit, his empire will soon extend over the domain of the heavy one.

But if, on the day of reaction, it be recognized that this crossing is incapable of ever making a good omnibus, a good shaft, or a good team horse; if the crossed breed be set aside for the primitive horse; and if it come about

that the Percheron of pure race is better paid for, the fashion will soon return to him. There will the utility of the Stud-book be felt, for it will be by means of the families preserved authentically pure, in the cantons which had chosen them, that it will alone become possible to remold a race, compromised in a moment of hasty judgment, and render it plentiful upon the market.

It would suffice to bring together these types, and encourage the start in order to reestablish Perche in all her glory. They might even, in the end, bring back to a good condition the lanky race that a better system, a more abundant nourishment, and more appropriate classification, would be called on to restore to its primitive form. Some generations would suffice to restore to it that homogeneity that it formerly possessed, when the post-service required of it its vigorous and swift mail-coach horses.

In summing up, the Stud-book seems to me a useful agent in a triple point of view, namely: in the preservation, perfection, and restoration of the Percheron breed.



## RECAPITULATION.

Preserve the Percheron race as pure as possible from all mixture not perfectly homogeneous; respect all its varieties due to the districts where they have been bred and raised; improve by crossing the best types of the country, and in such a manner as to correct defects, while preserving intact qualities and character.

If it be necessary to give more style to the action, and more richness to the blood, ask these qualities of the Arab, which has the privilege of imparting style and tone, while preserving weight, hardihood, vigor, and docility. The Arabian is kind, intelligent, reliable, laborious, and easily kept

If, in obedience to urgent considerations, and in the absence of oriental horses, it becomes necessary to have recourse to English blood, choose quarter-bred stallions—at the most half-bred—but of an ancient race, and well-confirmed, with a well-opened and expressive eye, fine action, high spirit, and especially a total absence of irritability, and with all the appearances of honesty and aptitude for work.

For the innate defects of the English, generally impressionable, susceptible, and unintelligent, cannot be too carefully guarded against. Delicate, a great eater, and requiring great care, he must, if honest, be well worked; if not, he pays ill his cost, and robs the hand which nourishes him. He should always be selected from a working family, and be himself a free worker. He who wishes to embark in horse-breeding will avoid more than one shoal by observing these simple considerations.

The delicate English horse, fond of his manger, bearing but little continuous and monotonous work, requiring of those that have charge of him tact, mildness, and an advanced equestrian education, is the horse of the rich man, and the man of pleasure, of the lover of the turf and chase, and of the wealthy farmer, who looks more to the beauty of his stock than to the quantity of its work.

The Arabian, sober, energetic, and laborious, is the horse for the small proprietor, the soldier, and the laborer. He is the wealth of the poorer and less improved countries.

The draft-horse is only suited to the farmer, and his size should be adapted not only to the district in which he is to be used, but also to the standard of cultivation of the country, and to the means of the person requiring his services. He may be improved, may be a trotter, and may be more stylish, but should always be adapted to the means of the breeder, and to the richness of the country. A large and fine animal would only vegetate in the hands of a person whose land is scarcely sufficient to support his



family. He should only be owned by the wealthy farmer. And, on the other side, the latter should never raise his eyes to the blood horse, which should be left to those who have been a long time accustomed to the risks inseparable from his breeding and training.

A final word will make my thoughts better understood.

I desire to speak of the financial question, which is every thing in breeding and in agriculture. The best and the only manner of considering this is to compare the breeder at the start, at the beginning of his career, and when his career is ended, to verify the results. This operation is nothing short of a settlement of accounts.

In my travels I became acquainted with two neighboring districts. One was rich, fertile, and productive, eminently suited to breeding superior fancy horses. But they were poorly raised therein; the farmers disdained rearing horses suited to the soil, and the horses they did breed, already bad from the very start, were raised in idleness, and poorly fed, on account of their earning nothing. The other district was poor, and the soil produced only what could be wrested from it by force. However, by dint of labor, agriculture flourished. The horse, chosen with care, suited the country, worked well, and all prospered.

The fancy struck me, to compare the settlements of estates in these two districts, and here are the results of this examination:

In the first district, the breeders all commenced and entered upon their career with capital. Notwithstanding this, 18 out of 20 died over head and ears in debt.

In the second, they were almost all former servants or farm hands, possessing only their savings, with which to establish themselves. In spite of these difficult beginnings, 17 out of 20 left fortunes to their children, who, the reverse of the children of the former, were early accustomed to labor and to a regular life. It is useless to say that in these examples I always excepted the cases where

trade, to carry on its business, sheltered itself under the cloak of the breeder; for this does not constitute breeding any more than the trade in bread-stuffs carried on in a farm-house constitutes agriculture.

Finally I would call the attention of the Percheron farmer to two suggestions. Suppose the supply of horses from the departments of Orne, Eure and Loir, Loir and Cher, Eure and Sarthe, and from the district of Mortagne, now amounting to about sixty thousand head, should outrun the demand of the omnibuses and wagons; the remedy for this would be to aim at greater style and beauty, at the same time preserving the qualities required by the omnibuses and express companies. We would thus create another outlet for our stock, through the demands of the dealers in fancy horses, and the consumption of the army, and bring the Percheron race very near to perfection.

No disappointment need be feared in crossing the Percheron with a foreign stallion, either a heavy Arabian, a strong, well-bred Merlerault, or a dark colored Norfolk, on the express condition that this stallion should be selected with care, and be of the best stock of his breed. The Arabian can be placed everywhere, both on poor land and in the hilly districts; where the progeny of the other stallions would not thrive, his will succeed well. The get of the Merlerault, and of the English horses especially, require the most fertile and the best cultivated districts.

If the results of these crossings, male or female, be successful, they may be well employed in breeding, and, after some generations, in the districts where breeding is carried on with care, they may become the starting point of a choice stock. Commencing with the qualities of good and substantial post-horses, the Percheron could be elevated to the dignity of the carriage-horse, and in other less fertile localities to staunch and compact hunters.

Those showing no improvement, (too many of which

are met with) would find a market open to them in the trade, among the moderately rich, and in the army, especially in the artillery. The males, when castrated at an early age, would be more acceptable to the trade, and, while ceasing to dishonor the privileged class and the class destined for reproduction, could be used for numerous purposes. For the gray horse the outlets are necessarily more limited. When the omnibuses and teamsters have taken their complement of 6,000 or 7,000 horses, and when the foreigner has gathered up his 600 or 700 choice specimens, there no longer remains a sufficient demand for the second-rate stock.

As there now exist neither diligences, couriers, mail nor post-coaches, for which the gray Percheron was formerly required for the night road service, there is no longer any imperious reason for preserving his old coat; henceforth he may be bay or dark colored. And, provided he becomes so by the aid of a dark-coated Arabian, or a heavy, well-bred Merlerault, or by a fine specimen of a Norfolk, the type of his race, I see therein no inconvenience.

When steam machines, to supply the hands which are wanting, will plow our fields and perform the hardest work, we will have no longer to regret that our Percheron laborers have not the gray color which possessed the property of turning the scorching rays of the sun. One of our greatest writers, one of our lights in equestrian science, has, however, written:

"The use of stallions of mixed blood, borrowed from foreign races, left but regrets in Perche. It has produced vices of disposition and blemishes which did not belong to the Percheron horse, and has given him in exchange no good quality. It has disturbed the structure of the progeny without any gain in form or endurance."

Notwithstanding all my respect for this high authority, let me be allowed to ask him if he has ever seen the progeny, too rare it is true, of some well-chosen stallions



in close affinity to Percheron blood, called *Gallipoli*, *Sandy*, and *Bayard*? Never did finer results gratify the pride of a breeder, never did trotters drag heavy diligences with more power and ease, and never did sons transmit more faithfully to their descendants the image and characters of their ancestors. Doubtless he was only shown the numerous and heterogeneous progeny of even the best full-blooded stallions *Sylvio*, *Eylau*, *Reveller*, and others by Percheron mares—crossings so surprising in their absence of affinity that I am still astonished that the thought of them ever entered a reasonable mind.

When in the absence of stallions of our own, such as we wish, I advise the use of foreign ones, I do not give this counsel blindly, but, select the types appearing to me the best adapted to the purpose, and instead of proceeding with giant strides I would pursue the work with a patient and prudent slowness.

## PART III.

### INFORMATION TO STRANGERS WISHING TO BUY PERCHERON HORSES.

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Although I consider Perche an exceptional country for the production of good horses, I attribute to its air, to its water, and to the nutritiveness of its grasses, the admirable qualities of the animals bred therein. I am convinced that the excellent care, the wise management, exempt alike from pampering indulgence and from the harsh treatment which irritate the disposition, and from which the good teacher never departs in his intercourse with his pupils, contribute a great deal to the success of the result. Starting from this point, I think I can assert that with care and this identical management, horses can be elsewhere produced that Perche would not disown. It is, then, the recapitulation of this method and management which should be presented to the stranger desirous of raising the Percheron horse. I will tell him what the cultivator of this country does, and in doing like him, provided he make the attempt in a high, healthy district, a district with a sharp air and one often refreshed by winds, presenting some analogy to the rugged hills and the excellent grassy valleys of Perche, no doubt he will arrive at magnificent results. Several suppositions may be presented to the consideration of the stranger wishing to raise Percheron horses. Either he should buy in Perche a mare in

foal, or purchase four or five months' old colts, which he wishes to wean in his own country, or his purchases will be made of yearlings, or, finally, he will carry with him full-grown males and females, or only one or the other sex for the purpose of breeding.

Each one of these suppositions can be determined by the practical knowledge of breeding, and by the study of the methods practised in Perche, and may suggest as many chapters. But, before undertaking anything, I will ask this amateur if he really loves the horse, and if he admits the qualities needed in the Percheron breeder. If he answers in the affirmative, I will enter upon the subject. If, on the contrary, he be not sure of himself and of the agents that he is to employ, I might as well throw aside my pen and not write another word.

The disposition of the Percheron breeder towards his horses is that of a never-changing mildness; and this is why his horse is so gentle and so docile. The Percheron loves his horse, but not with an affection resembling that hearty passion, that sudden blaze of regard, too explosive to last long, of certain amateurs; he loves the horse with an hereditary love, a family love, if I may so express it, and the horse, on his side, loves him hereditarily. The women and children have generally the care of the horse while the men are in the fields. Hence the even and amiable temper of the horses raised under this system. The Percheron cultivator possesses, above all, great patience and a supreme control over himself, indispensable qualities in training young colts, which, if treated with harshness would soon lose their heads, and become infallibly nervously timid if subjected to violence and impatience. Here lies the secret of good training and the art of uniting in the horse a cool and calm temper with a decided character. He is laborious and loves to stir the soil; hence his practice of early working the colts, which renders them laborious and honest. But, as he is, above all, in-



telligent and loves in a rational way, he only requires of them work in proportion to their strength, and gives them good nourishment. This management, uniting work and good food, is an admirable means of giving strength, health, and a good constitution. Finally, the Percheron inhabits a broken country, where he must constantly ascend and descend. This circumstance is most favorable in giving strength and suppleness to his shoulders, haunches, and hoofs, which, by turns, work and rest in this unparalleled district.

This portrait is not only applicable to the large proprietors and to the farmers, but to all the Percheron population. There is not a man in this district who has not been a working man, who has not raised, trained, and driven colts, and who, even in his tenderest age, when he could walk and hold a little whip, has not lived among the horses and played between their legs. It requires no searching here to find a man acquainted with the horse, a good farm hand; the first face you meet with is that of an intelligent agent, and a trustworthy one in the difficult art of training colts.

If you have such men at your disposal, undertake boldly your task; but if the proper men are wanting, forbear, for you will arrive at nothing satisfactory.



## CHAPTER I.

### FOOD AND BREEDING.

The stallion, in the districts inhabited by mares, is, with some rare exceptions, a "rover,"—that is to say, he visits the farms at stated periods. His standing season lasts six months, from January to July, and he generally returns

four times to the same place. The foal is dropped, ordinarily, very early, and always in the stable, where it constantly remains until weaning time. The dam goes to work every day, and leaves its foal each morning, to see it again only in the middle of the day, and at night. Green clover, or other green forage, is fed, to keep up her supply of milk.

At six months the colt is weaned. If it be a filly, it remains in the canton where it was foaled, to be put to breeding when it reaches the proper age. If it be a horse colt, it is sold to the farmers of the raising districts, of which we will speak in the chapter devoted to the trade.

The stock of these districts is recruited from two sources, the southern region principally, (in the vicinity of Montdoubleau and Chateaudun,) on account of the great reputation of its mares. The cultivator desirous of rearing good colts traverses these districts as early as the month of June, and makes his choice of colts from under the dams, and out of herds of established reputation. This manner of selecting stock to raise is the most logical, as also the most expensive. It is much in favor with the farmer carrying on a large business, in the neighborhood of Mauves and Regmalard. Some cultivators of the other cantons follow his example; but not so rich as he, they have but the second choice.

The second source, and the most abundant, is the purchase of gang colts—that is to say, those which, in Perche, have not been sold during the summer; but principally those from the neighborhood of Coulie, to the north-west of Maus, and those of Lower Maine. They are brought, entirely weaned, to the fairs of Perche about the end of autumn. St. Andrew's fair at Mortagne offers a curious specimen of this operation. The farmers select from the gangs. The origin, in this case, is no longer of any account; there is neither sire nor dam to weigh down the scales; the merit is all exterior—of the individual. If this

way of buying be not so dear, it is likewise not so sure, unless the purchaser be acquainted with honest dealers, accustomed to bring in only good colts.

There is but little trouble taken in weaning the colts. This passage from one period of life to another, always so serious with thoroughbred colts, takes place quite simply with the future field laborers. They wean themselves in the trip from their birthplace to their new destination. The farmers in the neighborhood of Regmalard, who ordinarily buy them very young, give a little cow's milk on their arrival, to strengthen them, and to serve as a transition; but even this method is far from universal.

The colts, when they come upon the farms, are put five or six together, pell-mell, into an indifferently ventilated stable, which receives its light through a lattice door. Their nourishment consists of a very thin mush, made of barley flour and bran, frequently renewed. The solid portion of their food is composed of dry clover and hay, with which their cribs are regularly filled.

Some farmers feed aftermath, which is sweeter; but as this is apt to load the stomach, in order to render it more easily digested, it is mixed with oat-straw.

It is very rare that these colts, changed from one district to another, often making long stages, and exposed to the inclemencies of the weather, are not attacked with strangles. Many raisers at this period have the pernicious habit of giving them some kind of grain, in order to warm them up, and cause them to throw off the disease. But this food has the fault of thickening the blood too much, and exposes them to numerous ailments.

This diet is continued until the spring, at which time the colts are given green fodder in the stable. Later, they are turned into the clover fields after the first cut, or into the meadows after they are mowed.

At eighteen months they commence their apprenticeship; passing their necks through the collar, they are har-



nessed to plows or wagons with horses already broken, although of an age at which, in many countries, their equals are as yet ignorant of all labor. The food, composed of clover principally, hay, millet straw, corn salad, (*Feticus*), and cracked rye, baked in loaves, becomes from this time forth, a little more nourishing. They also commence to eat oats, but as yet, sparingly. This is not given them pure, but with the chaff—that is to say, it is not winnowed. The quantity of this food used by day is not less than  $1\frac{1}{2}$  to  $1\frac{3}{4}$  gallons, yielding not much more than  $\frac{1}{3}$  of a gallon of oats. On the other hand, the meal and the mush are increased, to give them body and strength. At thirty months old they are still kept upon this food, in the midst of all the farm work, which they daily perform (with, however, a great deal of moderation), and in dragging very light burdens; for, truly, it is but a training, to confirm the hereditary mildness of their character, and to teach them, little by little, to become willing and fearless.

In the meanwhile the dealer, who roams constantly about among the farms, arrives. He buys and resells immediately to the farmers of Little Perche and Thimerais. More stimulating feed is given them, in consequence of more constant and harder work. This life lasts a year, and is terminated by the passage into Beauce, or the Chartres country, where their work is again increased. With the work the feed increases, and this combination leads to the perfection of the horse.

It is at this time that the horses, having attained their maturity, and the maximum of their strength, are bought for Paris, whither they are called by relentless labor, which they are enabled to endure by their unconquerable will, great muscular force, energy, and courage.

“This mode of training,” to borrow the words of a noted breeder, “represents the division of labor, which gives such happy results in the manufactories, and its ad-

vantages cannot be well appreciated, except by those who, having raised horses, know what embarrassment an assemblage of colts of all sizes and ages produces. Unfortunately it would be very difficult to introduce this excellent custom elsewhere, which has probably existed for ages in Perche without the knowledge of its source."

The colts destined for breeding are generally devoted to this purpose at the age of two years, and continue, on an average, until they have attained the age of four. I speak of Little Perche, for in Great Perche, since the foundation of the Equestrian Society, the seat of which is at Chateaudun, and which extends its action to quite a distance, the covering is done by adult stallions. At four, they are sold either to Paris, or to foreigners, should their merit render them worthy of such a choice.

This total emigration of the male colts at the age of six months, renders it very difficult to procure good stallions of this breed. From Great Perche they are scattered among the trade, often before the age of a sure selection. When they are sought after in Perche, they are no longer to be found; they must then be followed and hunted up on the Beauce farms, and this pursuit is extremely difficult. It, however, offers greater chances of success than the Chartres market, where the greatest number of mature Percheron horses are to be found.

As for the fillies, their experience is the same as that of the colts, with this single difference that their life is exempt from migration. They are raised in the region in which they are foaled. They work from a very early period, bear two or three colts, and then disappear, like the males, in the vortex of consumption. For, beyond some exceptional cases and remarkable productions, it is rare that they grow old upon the farm. The farmer, in order to lose nothing of their value, sends them off at the age of five, six, and seven years. It would be a happy thing, as we have already said, if sufficient in-

duancements in the way of prizes could be offered to retain the fine breeding mares upon the soil, and put an end to this custom, so inimical to progress.

The farmers who have pasture grounds, as in the environs of Regmalard, make use of them for raising their colts, as is done in Merlerault and in the Auge Valley. Instead of letting them loose in the fields, they are sent to pasture.

The hay of the valleys is good, but insufficient for the supply of the farms; the deficit is made up by the use of artificial foddors, in which clover enters for three-quarters; the remainder is composed of fenugreek, lucern, and some roots. Millet, or barley and oat straw are also given as food, and in certain cantons they are stacked in alternate layers with the meadow grass, in order to give them the odor and fragrance of hay—an ingenious method of making an unattractive food acceptable.

The stables, although much better than formerly, in the good old times of the race, still leave a great deal to be desired. They are not furnished with stalls, but the horses are tied alongside of one another without any separation. But such is the gentleness of character of this breed that an accident was never heard of.

The whole of the management which we have just described has a marked tendency towards constantly enlarging the horse at the expense of his nervous system.

This diet, completely out of place in a mild, grain producing country, has reason for existing in Perche, and the Percheron cultivator knows too well what he does in employing it, not to have understood this. The climate and the products of Perche, the air and the water, affect too exclusively the nervous system not to require being constantly combatted.

For this I desire to take an example in the whole animal kingdom stocking this country. Everybody to-day well knows the influence of climate upon animals. No one



now any longer doubts that it is to the sharp and healthy air of the Percheron country, to its elevated hills, and to its atmosphere constantly renewed by the powerful ventilators of its valleys and forests, that this country owes the eminent qualities of its fine race of horses, which has won for it the right of displaying this significant title: "Perche, the land of good horses." Everything surrounding us inclines us to adopt this opinion. The domestic animals brought here are transformed in a short time by the contact of the air breathed and the nourishment furnished. The marked types of the Billot and Crève-cœur fowls are no sooner brought here than at the first generation a total change is effected in their looks. From the second generation it is difficult to recognize them in the thin, lean, and nervously formed fowl, with a wild look, and always ready to take wing.

The bovine race of Perche is also far inferior to the improved race. It is the opposite of the kind prized nowadays, the race which is mild, lymphatic, and short-legged, always inclined to fat, and having in its bony frame only just enough to serve it for its locomotion, forming a quadrilateral of flesh, mounted on four small legs, a rump bending with its haunches, a broad, smooth back, and a low brisket. Its horns, which are seemingly useless in a country from which man has driven out the wild beasts, fall overlapping one another, like a useless ornament, upon the head.

Such is not the Percheron breed of cattle; on the contrary it is dry and bony, of a nervous temperament, long legs, angular haunches, contracted chest, lank thigh, and thin neck, with a long, thin head. Two long horns of a greenish-white stand up in the air, always threatening as in a savage country, infested with dangerous animals. An expressive word designates them fully: a cattle dealer will tell you they are "*staggy*," and will pass on without bestowing upon them a glance. They are hardly fit for quick fattening,

and are recognized without trouble by their color, which in terms of the trade is said to be "*a little weak*," and by their skin, which is dry and harsh. The dealers appropriately express their condition by "*no good points*." The bulls, especially, are tough, with big horns, bony limbs, large joints, an ugly head, and the whole difficult to fatten, which well entitles them to the full application of the epithet "*boorish beasts*," invented to express animals of inferior quality.

It is in vain that Maine, the district which joins it, has given to Perche its race of cattle; they have degenerated, have become taller, lanker, less easy to fatten, and have preserved no trace of the fine head and the good fore-quarters that are to be found in Maine. In vain has Normandy poured out a generous blood. The Norman type hardly appears; it is degenerated and entirely loses the agreeable color, fine head, good limbs, white horns, and other good points.

For several years, the fashion of crossing with the Cotentin race has become universal, and continues to make rapid progress. From the second generation, nevertheless, there remains almost nothing in the conformation and in the quality of the stock to show the cross. It is only by dint of always crossing with the Cotentin that Perche has been able to make for itself her present passable stock.

The sheep, sufficiently delicate for the table, are small, and form a degenerate and nameless mixture of the breeds of Maine, Caux, and Trennes, crossed for several years back with the Merino. They present the same conditions as the horned animals. Like them, they are difficult to fatten and are not lymphatic, notwithstanding the frequent importations of the heavier and fleshier breeds.

Such predispositions can only come from the soil, and the constant sway of the nervous over the lymphatic system produces all the qualities of the Percheron horse. This is why tradition has painted such a seductive picture

of his construction and qualities. This is why the old inhabitants, who had seen that fine breed before its degeneration, speak of it with so much warmth. This is why, notwithstanding the incredible crossings, it has withstood such mixtures. And this is why it is always energetic, in spite of the diluted nourishment without tonic properties which is given it, and which would be enough to bastardize a race with characteristics less fixed and permanent.

Let us, however, beware of utterly condemning the management of the breeders, and let us not entangle, with an imprudent hand, the threads of his traditions. The horse is his sole fortune, and in the raising of this aid of his agricultural labors, he gains to-day his livelihood. His management has a fixed end to which he always tends with an incredible perseverance, and that is to increase the size of his horses without prejudice to their good qualities.

Now that the country is covered with excellent roads and highways; that railways have accustomed us to great speed; that diligences and mail-coaches are forever gone; that the *stylish* carriage horse, the hunter, and the half-blood, have reached great perfection, the rôle of the Percheron is completely changed. He is no longer the hunter, the saddle-horse, nor the motive power of heavy wagons over new and broken roads; he remains exclusively both the quick and mettlesome draft-horse, and the heavy burden and express wagon horse. He must possess superior strength, speed, docility, temper, and honesty, and a complete absence of irritability. It is for this reason that after having listened to enthusiastic advisers, and allowed himself to be led astray by men too eager to enjoy the result of their ideas, he to-day is no longer to be cajoled by the solicitations of the amateurs of foreign blood. The Percheron cultivator does not wish even a single drop of it, and exerts himself exclusively in producing heavy horses. Encouraged in this way by the dealers of



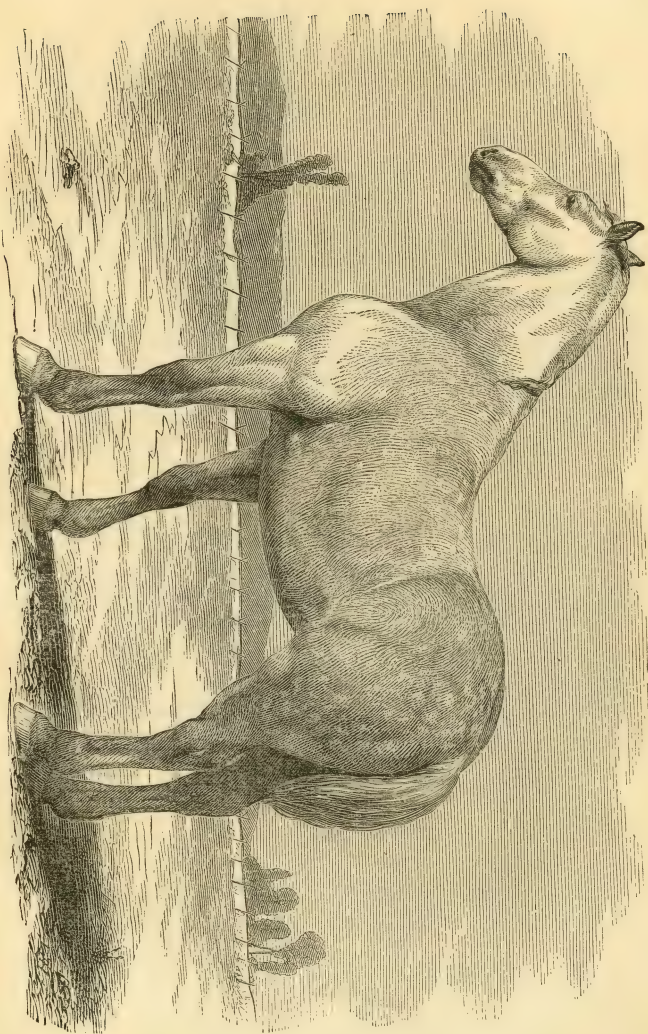
all countries, paying excessively high prices for the big and heavy Percheron horse, while leaving upon his hands, without the offer of a farthing, the horse in which a few drops of "blood" can be perceived, he has spread his sails and stretched them boldly to catch the breeze of the day.

We shall carefully avoid following the example of numerous famous doctors, the display of our little bundle of receipts. Let it be, however, permitted us to touch again slightly upon the question in expressing the fear that, should he not take care, the breeder of heavy horses will in the end render them too heavy and weighty. Stallions having a small touch of blood, well applied, and sufficiently latent not to excite mistrust, having action, good limbs, strong loins, and deep chest, are indispensable for warming up the Percheron blood and giving it tone. Look at *Sandy*, and afterwards at *Collin*, *Bayard*, and some others whose influence was immense. Their progeny, magnificent in every respect, did not show too much blood in their exterior, but revealed it vigorously by action and high spirit. The crosses which have best succeeded with the Percheron are undoubtedly, as shown by numerous examples, those derived themselves from an oriental cross. This fact, which clearly proves that the Percheron race has a great affinity with the race of the desert, should not be neglected in foreign alliances.

As for the English alliances, these have not given as yet all the results promised; but from this nothing must be inferred against new trials. Too much blood had constantly been used, and consequently the end was missed by wishing to proceed too rapidly.

Little blood, at first, but blood well chosen, from the Norfolk race, blood patiently infused into Percheron veins, is the means of triumphing over old prejudices and opening to this country an extensive and successful future.

K A T E . — M A R E .







## CHAPTER II.

## TRADE.—GLANCE AT THE MOST CELEBRATED BREEDING PLACES.

The good horses are generally bought upon the farms, and among these the dealers are constantly roaming. The trade of the whole of France, and the numerous and intelligent amateurs from abroad, visit them carefully, beating the country and searching it in all its farthest corners. Still, notwithstanding the purchases there made, the fairs are not wanting in numerous and good animals. We will, like these strangers, run over the best breeding places.

As an equine country, "Perche, the land of good horses," is divided into three very distinct districts.

That in which the colts are foaled—stocked exclusively with mares and fillies;

The district in which the male colts are weaned and raised;

And that in which they are brought to perfection—a privilege which it shares with Beauce and the Chartres country which it bounds.

All the territory north, west, and south, of the district of Mortagne (Orne) comprising the cantons of Moulins, Bazoches, Pervenchères, Bellesme, Theil, and part of Nocé, possesses breeding mares as well as fillies. In Sarthe, the canton of Montmirail; those of Montdoubleau and Droué in Loir-and-Cher; those of Alluye, Bazoches, Cloyes, Authon, Brou, and Nogent-le-Rotrou, in Eure-and-Loir, are likewise centers where only fillies and breeding mares are to be met with. Courtalain, on the south border, is also celebrated for this specialty.

The raising of male-colts occupies all the east, center, and north of the district of Mortagne—that is to say, the cantons of Mortagne, Tourouvre, Louigny, Regmalard,

and part of Nocé. This division, however, is not always distinctly marked upon the borders. The parishes upon the confines of each district, such as Bazoches, Courgeoust, Pin, Saint-Ouen, Nocé, Berdluis, etc., have farms stocked exclusively with fillies, whilst others possess only stallion colts.

The region for the mares is itself divided into two cantons: that of the north and that of the south. The southern is the most renowned, inasmuch as its mares pass for having retained the characters of the old Percheron race more closely. It comprises the cantons outside the district of Mortagne. Montdoubleau is the capital.

The northern, enclosed in the district of Mortagne, counts three very distinct varieties, namely:

The pure Percheron races in the south, and in the canton of Bazoches; in the west, in the parishes which border on Mesle-sur-Sarthe, mares possessing in various degrees some of English blood, got from the government stud of Mesle-sur-Sarthe, which is composed exclusively of thoroughbred stallions; the canton of Moulins, in the north, nourishes another high-spirited variety, endowed with excellent action, but deficient in height. Accordingly it is more valued for furnishing good horses for service than for furnishing ameliorating types.

The best centers for stallion colts are: Regmalard, which is, if I may so say, the principal place for good stallions; Mauves, which furnished, thirty years ago, the famous stallion Jean-le-Blanc, of M. Miard. For fillies, Villers-en-Ouche, which stocked this country with magnificent Percheron mares; Verrieres, Corbon, Comblot, Courgeou, Loisail, Reveillon and Villiers.

As for the rest of Perche, it supplies Beauce and the Chartres country, on account of the great similarity existing between them. A country of transition, it buys colts to plow the fields, keeps them only a year, and sells them grown to the cultivators of Beauce, to be sent to

Paris after a sojourn of a year or so upon their farms. The environs of Courville—Chateauneuf, Brézolles, La Loupe, Champroud, Thiron, Pontgouin, Verneuil, etc.—are celebrated for the taste of its farmers for fine horses. Illiers, which formerly possessed this specialty, has occupied itself for several years in weaning colts.

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### CHAPTER III.

#### SPEED AND BOTTOM OF THE PERCHERON HORSE.

We have said that one of the distinctive qualities of the Percheron horse, and one which has won for him universal esteem, was fast trotting while drawing a heavy load. It would be, however, an error to suppose that this faculty of fast trotting puts him on a level with the blood-horse. The latter draws little, it is true; but he has a long stride, and, as regards mere speed, he beats the Percheron out and out. For the presence upon the turf of such horses as *Décidée* and *Sarah*, who have trotted against blood-horses of the first order, sometimes honorably beaten and more often victorious, the presence, I say, of such horses, is but a happy and rare exception.

The specialty of the Percheron, quick draft, has then its limits, and it is these limits that I wish to make known by means of numerous examples collected with care.

What the Percheron has done in the diligences, mail and post-coaches is known to everybody; and it is useless to repeat it. From one relay to another, never dragging less than two, and more often three thousand pounds, in hot weather and cold, and over hilly, difficult roads, he made his three leagues to the hour easily, and sometimes



four; but this was the "*ne plus ultra*," beyond which it was not reasonable to go.

What he does in the omnibuses, the world that visits Paris realizes and admires. And this is one of the principal attractions of the Percheron horse to the intelligent stranger.

It now only remains for us to follow him upon the turf and sum up the time made in the trots won by him.

The courses, for some time frequented by him, are those of Illiers, Courtalain, Montdoubleau, and Mortagne; and here he is always to be found. It is, also, indispensable to notice, in order to be strictly impartial, that these tracks, except the new one at Mortagne, finished two years ago, were only plowed fields, hard in dry weather, but cut up like a peat-bog in wet times; that the track of Mortagne, as is well known, is placed on a steep side-hill, and joins to the above defect the one of offering three steep inclines, up and down, like the roof of a house, within a distance of 3,000 feet. The horses which had done the best elsewhere failed on this track, and took a long time to make the distance. It is to this circumstance that is to be attributed the low average time, but it is this also which shows us the courage of the Percheron. When a colt of thirty months (and of these there were a number) had bravely accomplished his task and had gone two or three times around this killing track, it could be boldly predicted that there was in him the making of a staunch and valuable horse. To all this let us add, that either under saddle or in harness, the Percheron is almost always placed in an unfavorable situation. Mounted, he is put into the hands of a youth, ardent, without experience, and without calculation, who pushes him without discretion in the beginning, and is totally ignorant of the jockey's art. Harnessed, he is covered with heavy and inconvenient gear, and he drags either a big, heavy-running wagon, or a poor, low traveling-tilbury.

The following list shows the result of 196 trotting matches, officially reported upon the turf, and two trials to prove bottom, likewise certified with care, and will give an average of what the Percheron is capable of doing either upon rugged, cut-up, or hilly tracks, or upon the highways of a densely populated district.



## CHAPTER IV.

### SPEED OF THE PERCHERON HORSE.

#### MOUNTED PERCHERONS.

##### $1\frac{1}{4}$ MILES — 29 RESULTS.

The best two are those of *Julie*, at Montdoubleau, in 1864, time 3 minutes 50 seconds; and of *Godius*, at the same place, in 1857, time 3 minutes 58 seconds.

The poorest two results are those of *Vidocq*, at Mortagne, 1865, time 7 minutes 37 seconds; and of *Lansquenet*, same place, in 1861, time 7 minutes 48 seconds.

The average time of 29 recorded trials is about 4 minutes  $12\frac{1}{2}$  seconds.

##### $1\frac{5}{8}$ MILES — 31 RESULTS.

The best two are those of *Vaillante*, at Mortagne, in 1864, time 4 minutes 38 seconds; and of *Julie*, at Montdoubleau, in 1864, time 6 minutes 14 seconds.

The poorest two are those of *Mouche*, at Mortagne, in 1855, time 9 minutes 18 seconds; and of *Biche*, at Mortagne, in 1855, time 8 minutes 30 seconds.

The average time of 31 trials is about 6 minutes 40 seconds.

## 2 MILES — 40 RESULTS.

The best two are those of *Cocotte*, at Illiers, in 1861, time 6 minutes  $5\frac{1}{2}$  seconds; and of *Sarah*, at the same place, in 1865, time 6 minutes 2 seconds.

The poorest two are those of *Balzane*, at Illiers, in 1859, time 9 minutes 40 seconds; and of *Renaud*, at the same place, in 1850, time 10 minutes 30 seconds.

The average time of 40 trials is about 7 minutes 20 seconds.

 $2\frac{1}{2}$  MILES — 65 RESULTS.

The best two are those of *Sarah*, at Langou, in 1865, time 7 minutes 35 seconds; and of the same at Mortagne, in 1865, time 7 minutes 40 seconds.

The poorest two are those of *Marmotte*, at Mortagne, in 1865, time 13 minutes 26 seconds; and of *Julie*, at Courtalain, in 1863, time 11 minutes 30 seconds.

The average time of 65 trials is about 9 minutes 15 seconds.

$2\frac{3}{8}$  miles were made at Illiers, by *Bichette*, in 1860, in 12 minutes 15 seconds.

$2\frac{5}{8}$  miles at the same place were made three times, and gave an average of 11 minutes 25 seconds.

$3\frac{3}{8}$  miles at the same place were made by *Champion*, in 1857, in 12 minutes.

## HARNESSED PERCHERONS.

$\frac{7}{8}$  of a mile was trotted to harness in 1855, at Bethune, by *Grise*, in 4 minutes 2 seconds.

$1\frac{1}{4}$  miles were made at Mortagne, in 1856, by *Battrape*, in 5 minutes 4 seconds.



## 2 MILES — 8 RESULTS.

The best two are those of *Achille*, at Illiers, in 1865, time 7 minutes 17 seconds; and of *Julie*, at Illiers, in 1863, time 7 minutes 40½ seconds.

The poorest two are those of *Championnet*, at Illiers, 1858, time 7 minutes 53 seconds; and of *Bichette*, at Illiers, in 1849, time 8 minutes 13 seconds.

The average of eight trials is about 7 minutes 36 seconds.

## 2½ MILES — 14 RESULTS.

The best two are those of *Vigoreux*, at Illiers, in 1851, time 8 minutes 30 seconds; and of *Bibi*, at Mortagne, in 1865, time 9 minutes 54 seconds.

The poorest two are those of *Bichette*, at Courtalain, in 1860, time 11 minutes 30 seconds; and of *Artagnan*, at Mortagne, in 1850, time 11 minutes 55 seconds.

## 2⅔ MILES — LOADED.

Two trials were made at Rouen, by *Décidée*:

The first time in 1864, drawing 386 pounds, 2⅔ miles in 9 minutes 21 seconds; the second time, in 1865, drawing 408 pounds the same distance, 10 minutes 49 seconds.



## CHAPTER V.

## ENDURANCE OF THE PERCHERON HORSE.

A gray mare bred by M. Beaulavoris, at Almeneschés, (Orne), in 1845, belonging to M. Montreuil, horse dealer at Alençon, performed the following match:—Harnessed to a traveling-tilbury, she started from Bernay at the same time as the mail courier from Rouen to Bordeaux,

and arrived before it at Alençon, having made  $55\frac{3}{4}$  miles over a hilly and difficult road, in 4 hours and 24 minutes.

This mare is still living, and now belongs to M. Buisson, hotel keeper at the sign of the White Horse, at Lées, (Orne), where she still draws the omnibus plying between the railroad station and the hotel.

A gray mare 7 years old, belonging to M. Consturier, of Fleury-sur-Andelle, (Eure), in 1864, harnessed to a tilbury, travelled 58 miles and back on two consecutive days, going at a trot and without being touched with the whip. This was over the road from Lyons-la-Forêt from Pont Audemer, and back, a difficult and hilly way. The following time was made: The first day the distance was trotted in 4 hours, 1 minute, and 35 seconds; the second day, in 4 hours, 1 minute, and 30 seconds. The  $13\frac{3}{4}$  last miles were made *in one hour*, although at about the 41st mile the mare was obliged to pass her stable to finish the distance.

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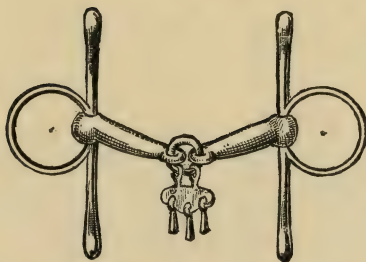
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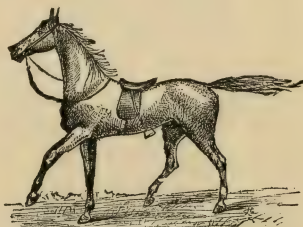
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